Verizon Global Wholesale Services

SES/TLS ENNI Ordering Guide
Switched Ethernet Service/Transparent LAN Service
External Network to Network Interface

SES/TLS ENNI Service Ordering Guide Overview

The information contained in this Ordering Guide provides the wholesale user with ASR ordering requirements for the product suite of the SES/TLS ENNI Services. Additional or new service offerings, as they become available through the access release schedule, will be updated as incremental versions.

Effective with the September 20, 2014 access release there is a new Industry SES Form specific to ASR ordering for all SES/TLS Services. The SES Form replaces the Transport Form previously used for SES/TLS ENNI service requests.

Each section within this guide is divided by the service/product type and its associated ASR ordering requirements.

Section 1: ENNI Port Only [Port Only with Common Collocation, Port Only with Extended Collocation, Port Only with POP – Point of Presence]
Section 2: ENNI Packaged Port and Access [Port and Access with POP – Point of Presence]

TLS ENNI Services require regional ICSC Codes for ASR Ordering. The following ICSC entries are valid for the TLS ENNI Service Types:

NY01
NE01
CP88
PA70
NJ90
VW01
VE10 [Retail]

Detailed information relative to the product descriptions and the individual network attributes are provided in the Transparent LAN Service (TLS) Order Guide on the Access Ordering website via the following URL:

http://www22.verizon.com/wholesale/access/order/guide/detail/Transparent-LAN-Service-Order-Guide.html

Questions relative to the information in this ordering guide should be directed to:

VPS Ordering Helpdesk: https://www22.verizon.com/wholesale/clecsupport/contact_orderrep.html

Email: VPSTauntonAccessHelpDesk@verizon.com (NY, MA, RI, NJ, MD, VA, DC)

- VPSPittsburghAccessHelpDesk@verizon.com (PA, DE)

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SES/TLS ENNI PRODUCT DIAGRAMS

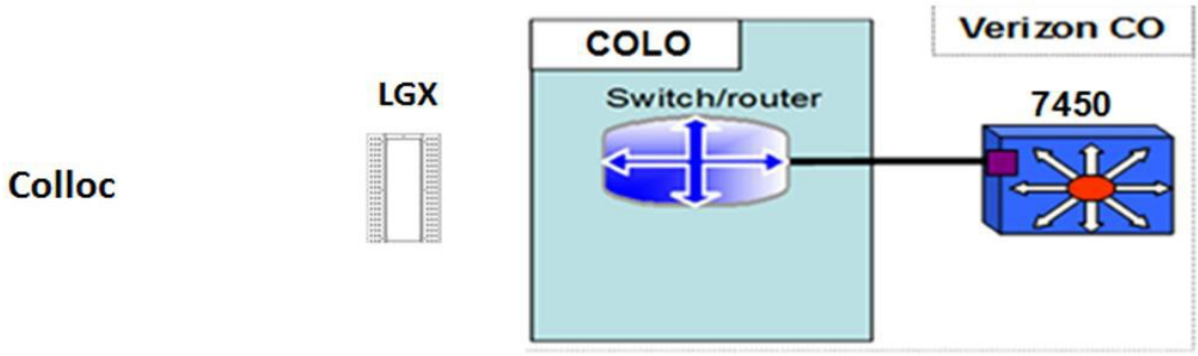
Below are basic product diagrams for the SES/TLS ENNI Service configurations.

SES/TLS ENNI – Transparent LAN Service External Network to Network Interface Port Only
SES/TLS ENNI – 1000 Mbps [1 Gbps]

TLS ENNI Port Only and the TLS ENNI Packaged Port and Access arrangements are the options that are currently offered for the ENNI.

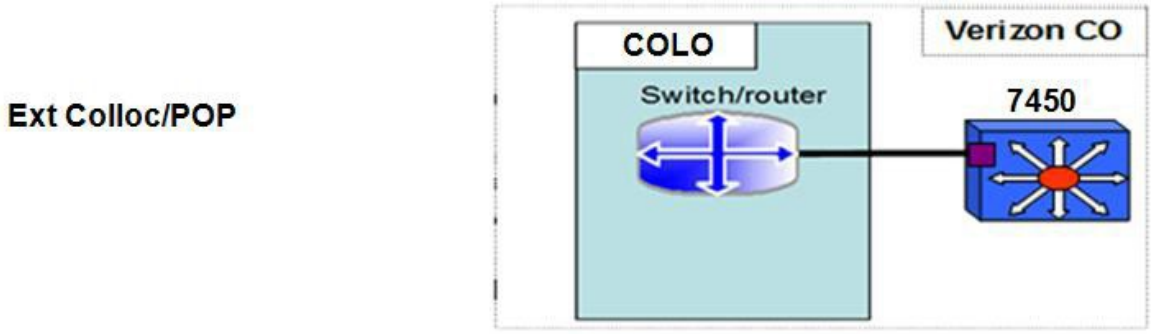
In this model, the wholesale customer must either have collocated transport equipment in the ENNI Central Office or buy a Verizon Ethernet Private Line [EPL] service from their POP to the ENNI Central Office.

Port-only access arrangement for a 1G ENNI when customer is Collocated in the Same Serving Wire Center as the Verizon TLS Switch.



The above figure shows a Port Only access arrangement for a 1G ENNI in the Central Office. In this case, a NID is not provided; an intra-office jumper is used to cross connect between the COLO and the TLS switch.

Port-only access arrangement for a 1G ENNI when customer is not collocated in the Same Serving Wire Center as the Verizon TLS Switch.

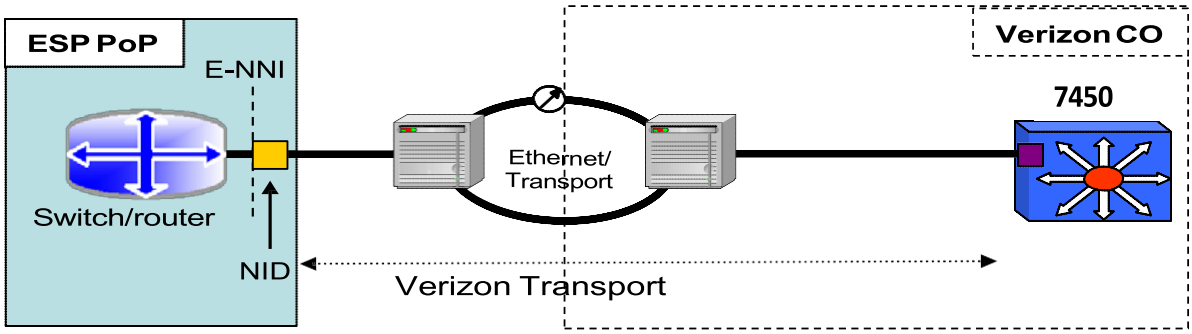


The above figure shows a Port Only access arrangement for a 1G ENNI Colloc that is not in the same Central Office as the TLS Switch, or a 1G ENNI POP that is in either the same Central Office or a different Central Office than the TLS Switch. In this case, a NID is not provided. Customer is required to order the access transport from their Extended Collocation or their Point of Presence POP on a separate ASR service request to Verizon as VzON or OWS access.

SES/TLS ENNI – Transparent LAN Service External Network to Network Interface Packaged Port and Access
SES/TLS ENNI – 1000 Mbps [1 Gbps]

This option bundles the ENNI port with an access and transport solution, delivering the ENNI to the carrier's POP. This service type is designed to extend the scope of the managed service out to the customer's site, improving the overall scalability and reliability of the access arrangement.

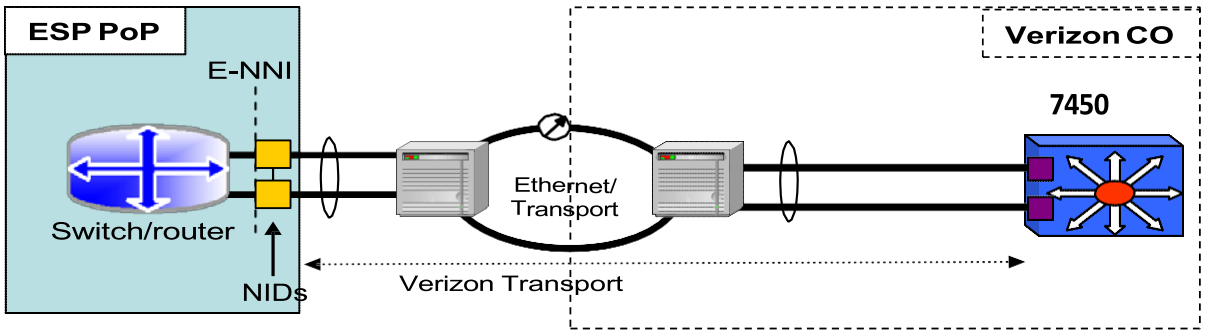
Stand Alone Packaged [bundled] Port & Access arrangement for a 1G ENNI.



The above figure shows that a packaged/bundled port and access arrangement for a 1G ENNI includes a NID at the customer's POP. The NID is required for performance monitoring of the access services. In this case, Verizon provides the transport from the POP to the ENNI switch port.

SES/TLS ENNI – Transparent LAN Service External Network to Network Interface Packaged Port and Access Link Aggregation [LAG]
SES/TLS ENNI – 1000 Mbps [1 Gbps]

Link Aggregation Packaged [bundled] Port & Access arrangement for a 2x1G ENNI.



The above figure shows that a packaged/bundled port and access arrangement for a 2x1G ENNI includes two NIDs at the customer's POP, connected together. The NIDs are required for performance monitoring of the access services. New NIDs are required for this arrangement. In this case, Verizon provides the transport from the POP to the ENNI switch port.

SES/TLS ENNI SERVICE TYPES

Ethernet SES/TLS ENNI offers wholesale customers the choice of two different service types for their domain – ENNI Port Only and ENNI Packaged Port and Access

- ENNI Port Only provides connectivity via a port reservation to the TLS Switch within a domain.
- ENNI Port Only is available from customer facilities that are:
  - Common Collocation: Customer collocation is in the same serving wire center as the Verizon TLS Switch
  - Extended Collocation: Customer collocation is in a different serving wire center than the Verizon TLS Switch
  - POP – Point of Presence: Customer POP is in the same or different serving wire center as/than the Verizon TLS Switch
- ENNI Port Only is available as a stand-alone circuit
- ENNI Packaged Port and Access service provides connectivity from the TLS Switch to the customer's POP as well as the access transport facilities to complete the connection [provides service similar to a UNI connection] within a domain.
- ENNI Packaged Port and Access is available as a stand-alone circuit or as a Link Aggregation [LAG] pair within a domain.

FRAME FORMATTING ENNI SERVICES

ENNI circuits do not require frame formatting, as all ENNI Port Only and ENNI Packaged Port and Access services are offered as Premier, Tagged circuits.

SERVICE INTERVALS

FIRM ORDER CONFIRMATION AND SERVICE INTERVALS – ENNI PORT ONLY AND ENNI PACKAGED PORT AND ACCESS

SES/TLS ENNI Service requests are eligible to be ordered as an expedited request [EXP field = Y] with the following exceptions.

ENNI Stand Alone 10G Service [EXP = BLANK].
ENNI 1G and 10G LAG Service [EXP = BLANK].

ALL FOC AND SERVICE INTERVALS ARE BUSINESS DAYS, NOT CALENDAR DAYS

SES/TLS ENNI DIRECT TO FIRM – NEW ACTIVITY

Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ENNI Port Only 1G	N = New	3 days	10 days	8 days	Facilities = YES
ENNI Port Only 10G	N = New	11 days	85 days	N/A	Facilities = YES
ENNI PP&A 1G	N = New	11 days	16 days	14 days	Facilities = YES
ENNI PP&A 10G	N = New	11 days	85 days	N/A	Facilities = YES
ENNI Port Only 1G	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
ENNI Port Only 10G	N = New	16 days	Negotiated[1]	N/A	Facilities = NO Major build [2]
ENNI PP&A 1G	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
ENNI PP&A 10G	N = New	16 days	Negotiated[1]	N/A	Facilities = NO Major build [2]
ENNI Port Only 1G	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]
ENNI Port Only 10G	N = New	16 days	Negotiated[1]	N/A	Facilities = NO Minor build [2]
ENNI PP&A 1G	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]
ENNI PP&A 10G	N = New	16 days	Negotiated[1]	N/A	Facilities = NO Minor build [2]

[1] ENNI Port Only 10G and ENNI Packaged Port & Access 10G
Standard Service Interval when facilities = N is Negotiated for 10G Services.

[2] Facilities = NO Major build and Minor build
Standard Service Interval when facilities = N is determined by Major or Minor Build conditions
An informational C/NR is sent to the customer indicating a MAJOR or a MINOR build when facilities = N
MAJOR BUILD
Informational C/NR = Includes SES/TLS Verizon Switch and message: FACILITIES ARE NOT AVAILABLE. MAJOR BUILD. CONFIRMATION TO FOLLOW.
Standard Service Interval = 63 business days for 1G
Standard Service Interval = Negotiated for 10G
MINOR BUILD
Informational C/NR = Includes SES/TLS Verizon Switch and message: FACILITIES ARE NOT AVAILABLE. MINOR BUILD. CONFIRMATION TO FOLLOW.
Standard Service Interval = 37 business days for 1G
Standard Service Interval = Negotiated for 10G]

Additional descriptions for facilities = N for MAJOR or MINOR Build is Noted below:

MAJOR BUILD	Requires equipment and/or facilities to provide ordered service [e.g., nothing exists, adding fiber, fiber terminal equipment, and power].
MINOR BUILD	Infrastructure is in place, but engineering work orders are issued for minor build such as supporting equipment, cards for equipment and/or cabling work to provide ordered service. [e.g., Adding a shelf, LGX panel, reconfigure existing drops].

SES/TLS ENNI DIRECT TO FIRM – CHANGE ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ENNI Port Only 1G	C = change	3 days	5 days	5 days	ENNI is complete: qualifies for ACT C [1]
ENNI Port Only 10G	C = change	3 days	5 days	N/A	ENNI is complete: qualifies for ACT C [1]
ENNI PP&A 1G	C = change	3 days	5 days	5 days	ENNI is complete: qualifies for ACT C [1]
ENNI PP&A 10G	C = change	3 days	5 days	N/A	ENNI is complete: qualifies for ACT C [1]

[1] ENNI is complete: qualifies for ACT C - the following changes are not permitted on an ASR ACT of C
ENNI/EVC Combination ASR

SES/TLS ENNI DIRECT TO FIRM – RECORD ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ENNI Port Only	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]
ENNI PP&A	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]

[1]1 VTA or FUSF changes - the following service requests are the only two permitted on an ASR ACT of R
VTA change [term plan agreement]
FUSF change [Federal exemption]

SES/TLS ENNI DIRECT TO FIRM – DISCONNECT ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ENNI Port Only	D = Disconnect	3 days	4 days	4 days	ENNI is complete
ENNI PP&A	D = Disconnect	3 days	4 days	4 days	ENNI is complete

ENNI PORT ONLY SECTION

This portion of the Ordering Guide is exclusive to the ENNI Port Only Service Type.
The service attributes applicable to the ENNI Port Only Service Type are listed below in the SERVICE ELIGIBLITY Section.

ENNI PORT ONLY SERVICE

ENNI [External Network to Network]
ENNI Port Only service provides port connectivity from a customer's network facility location to the TLS Switch.
ENNI Port Only requests are available as COMMON COLLOCATION, EXTENDED COLLOCATION, or POP connections

ENNI Port Only services are available in speeds of 1G and 10G as a Stand Alone circuit
ENNI Port Only services are NOT available as a Link Aggregated Pair [LAG}

SERVICE ELIGIBILTY

ENNI Port Only services are eligible for:

- Point to Point EVC connections
- EVPLAN EVC connections
- Direct to Firm service requests
- Recommended or Preferred TLS Switch
- EVC connections to ERS Premier UNI or ERS Tunnel Access UNI circuits in the same customer domain/LATA
- ENNI/EVC Combination ASR
- Optical Interface [Single Mode handoff for all Port Speeds]
- TSP [Telecommunications Service Priority]
- Expedite requests [EXP field = Y] where permitted

JOB AID 1

ENNI PORT ONLY ASR REQUIREMENTS [FIRM]

Below are the applicable screens for the ENNI PORT ONLY Direct Firm ASRs for the SD request types.
ASOG fields and BAU fields are required in addition to the TLS ENNI product specific fields.
Note 1: ASR Requirements for the ENNI/EVC Combination ASR include the screens and fields below and the additional EVC screens and fields following the ENNI ASR requirements.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required R-Required C-Required D-Required
TSP	Telecommunications Service Priority ID	**Telecommunications Service Priority** 12 character code required. 1st – 9th characters = TSP Control ID [computer generated number used for government tracking purposes]. 10th character = a hyphen. 11th and 12th characters = the TSP Priority Code.	N-Optional R-Required if TSP present on CSR C-Required if TSP present on CSR D-N/A
REQ TYPE	SD	**Requisition Type and Status** SD = Network User. D in second position of REQ TYPE indicates a Firm request	N-Required R-Optional C-Optional D-N/A
EXP	Y or BLANK	**Expedite** Expedite services are optional for ENNI services. Expedite services are applicable for ENNI Port Only with Common Collocation [Intra-Office Jumper Connection], when COMMON COLLOCATION = Y Valid values Y = Yes for Expedite BLANK = No expedite NOTE 1: Prohibited for 10G ENNI service request. NOTE 2: Prohibited when EDA field is populated. NOTE 3: Prohibited when ENNI Port Only service is EXTENDED Collocation or POP.	N-Optional for Stand-alone N-Prohibited for LAG & 10G R-N/A C-N/A D- N/A
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for UNI services. Valid values Y = Yes for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon. BLANK = No for Early Date Acceptance NOTE 1: Prohibited when EXP field is populated.	N-Optional R-N/A C-N/A D- N/A
BAN	N, E or Populated Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** N = New E = Existing Populated = Customer BAN <u>BAN = N</u> Verizon ordering system sends customer billing data to wholesale billing system to create a new BAN <u>BAN = E</u> Indicates an existing BAN: Verizon ordering system searches the wholesale billing system for an existing	N-Required R-Required C-Required D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
BAN		customer BAN in the appropriate LATA. If an existing BAN is found, it is populates in the BAN field. Populated BAN: Indicates a customer specific BAN. Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system, replaces the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. Valid BANS: The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	
QTY	01	**Quantity** Valid value 01 = Stand-alone ENNI .	N-Required R-Required C-Required D-Required
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** SD Request Type: 11 character CLLI code of customer location.	N-Required R-Required C-Required D-N/A
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional R-Optional C-Optional D-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required R-Required C-Required D-Prohibited
EVCI	B or BLANK	**Ethernet Virtual Connection Indicator** Valid values B = ENNI/EVC Combination ASR NOTE 1: B is the only valid entry and is required for ENNI/EVC Combination ASR. Generates the EVC Screen Pages BLANK = Stand Alone ENNI ASR	N-Optional for Stand-alone R-Prohibited C-Prohibited D-Optional
SEI	Y	**Switched Ethernet Indicator** Valid value Y = SEI Indicator is required for all SES/TLS ENNI service requests.	N-Required R-Required C-Required D-Required

CNO	BLANK or POPULATED	**Case Number**
		Custom Bid Case Number.
		
		Valid values
		BLANK = Customer BID Case # is not required for 10G ENNI Port Only requests.
		POPULATED = Custom Bid Case #.
		Format:
		YYYY-6 digits
		Example:
		2014-123456
			N-Optional for Stand-alone
			R-Prohibited
			C-Prohibited
			D-N/A

RMKS	Optional	**Remarks** Additional information from customer Customer may indicate what is being ordered. [Example: 1G ENNI Port Only Circuit]	N-Optional R-Optional C-Optional M-Optional D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADMIN SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required R-Required C-Required D-Required
FUSF	E or N	**Federal Universal Service Fee** Valid values E = Exempt N = Non-exempt	N-Required R-Optional C-Required D-N/A
VTA	Variable, 36, or 60	**Variable Term Agreement** Valid values Variable = non-standard contracted term [in months] 36 = 3 year term pricing plan 60 = 5 year term pricing plan	N-Required R-Required C-Required D-N/A
PNUM	FB Contract ID	**Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required R-Optional C-Required D-N/A.
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See ENNI Port Only ASR Order Matrix JOB AID 2	N-Required R-Optional C-Required D-N/A.
NCI	Network Channel Interface	**Network Channel Interface Code** See ENNI Port Only ASR Order Matrix JOB AID 2	N-Required R-Optional C-Required D-N/A.
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See ENNI Port Only ASR Order Matrix JOB AID 2	N-Required R-Optional C-Required D-N/A.
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch - Verizon to assign CLLI = CLLI [11 characters]: Customer preferred TLS Switch NOTE 1: There is no “C” populated prior to the CLLI for the ESP field. Eleven characters only. NOTE: This field replaces the SECLOC field previously available on the Transport ASR form for TLS Switch CLLI entry.	N-Optional R-Optional C-Optional D-N/A
RMKS	Optional	**Remarks** Additional Customer Information	N-Optional R-Optional C-Optional D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
THE FOLLOWING ASR SCREENS ARE GENERATED WHEN EVCI FIELD IS POPULATED WITH B [EVCI = B]			
THE FOLLOWING DATA IS REQUIRED ON THE FIRST EVC SCREEN FORM FOR AN ENNI/EVC COMBINATION ASR EVCI FIELD ON ENNI ASR PAGE = B [Page 1 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC01 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Customer EVC number: Identifies a unique customer provided number associated with the Ethernet Virtual Connection.	N-Required R-Prohibited C-Prohibited D-Required
NC	Network Channel	**Network Channel Code** See EVC Point to Point ASR Order Matrix JOB AID 7 Required when NUT field is populated, otherwise prohibited.	N-Required R-Prohibited C-Prohibited D-Conditional
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Valid values BLANK ASR ACT = N Verizon ordering system generates the EVCID. The EVCID is provider assigned. POPULATED = ACT D EVCID Example: 32.VLXP.111111..NY EVCID is required when a customer submits an ENNI/EVC Combo ASR to disconnect a physical circuit and the associated virtual circuit.	N-N/A R-Prohibited C-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Valid values 02 = ASR ACT = N 02 or BLANK = ASR ACT = D ASR ACT = N Value of 02 indicates Point to Point EVC. Required and reflects the number of UNI/ENNI termination occurrences affected by the ENNI/EVC service request. ASR ACT = D Value of 02 indicates Point to Point EVC. NOTE 1: Population is Optional. When NUT field is populated with 02, other required fields in the UNI Mapping Detail Section must be populated. BLANK When NUT field is BLANK then no other fields in the UNI Mapping Detail Section are required.	N-Required C-Prohibited R-Prohibited D-Optional
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Identifies the customer circuit ID of the Ethernet Virtual Circuit within the customer network	N-Optional R-Prohibited C-Prohibited D-Optional
UREF	01	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI/ENNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for first circuit [RUID 1] ASR ACT = N 01-EVC Page 1	N-Required R-Prohibited C-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
UREF		02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 1: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Page 1	
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending ENNI circuit information ordered on the ENNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the ENNI/EVC combination ASR and the associated RUID 1 and other required fields in the UNI Mapping Detail Section on EVC Page 1 are BLANK. The information on the EVC page where the AUNT field is populated represents the attributes of the ENNI circuit being ordered on the combination ASR.	N-Required R-Prohibited C-Prohibited D-Prohibited
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Identifies the activity that is taking place at the ENNI termination point, and references the activity type of the EVC. Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N UACT = N when NUT field = 02 ASR ACT = D UACT entry is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1. UACT = K: K usage is conditional. Entry of K is not permitted on initial issuance of an EVC request. This entry is only valid on a SUPP to cancel.	N-Required R-Prohibited C-Prohibited D-Optional K- Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 7 ASR ACT = N NCI Code references the Frame Format of the ENNI circuit populated in RUID 1 field on EVC Page 1 or the NCI Code of the pending ENNI circuit when the AUNT field = “A”. ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EVCSP	TLS ENNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the ENNI termination. Valid values BLANK POPULATED ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the ENNI circuit populated in the RUID 1 field on EVC Page 1. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new ENNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against current Customer Service Record of the ENNI. If the data retrieved is different from customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Pg 1.	N-Optional R-Prohibited C-Prohibited D-Optional
RUID	Example: 32.SXGS.123456..NY	**Related UNI/ENNI Identifier** Identifies TLS ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 1 field are as follows: ASR ACT = N This field is conditional and references the 1st ENNI circuit that the EVC is being mapped from [RUID 1]. NOTE 1: Population of RUID 1 field is required when the AUNT field = BLANK. Population of the RUID 1 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on an ENNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 1 and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the RUID 1 and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Conditional R-Prohibited C-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Identifies the Level of Service Reference Number Each LREF line carries the required information for the Level of Service and Bandwidth associated to the EVC connection. ASR ACT = N NOTE 1: When a single Level of Service and single Bandwidth is requested all customer data is input on LREF 1. When multiple Levels of Service and multiple Bandwidth configurations are being requested, each one is listed on a subsequent LREF line [LREF 2 and LREF 3]. NOTE 2: LREF data populated on EVC Page 1 must be the same data populated on EVC Page 2 ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the LREF and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the LREF and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Required R-Prohibited C-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Identifies the activity for the level of service as part of the EVC configuration. See EVC Activity Table JOB AID 8 for valid LOSACT activities Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N N = New is required when the associated LREF field is populated ASR ACT = D Optional D = Disconnect is required when the NUT field = 02, and LREF field is populated. Then LOSACT entry of D and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When the NUT field = BLANK and the LREF field is not populated, then no LOSACT field entry is required in the UNI Mapping Detail Section on EVC Page 1. LOSACT = K K = Cancel is only allowed on a SUPP.	N-Required R-Prohibited C-Prohibited D-Optional
LOS	BASIC, PD, RT	**Level of Service Name** Identifies a name for a provider-defined level of service performance associated with the Ethernet product offering. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 9	N-Required R-Prohibited C-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
LOS		Valid values BASIC PD = PRIORITY DATA RT = REAL TIME ASR ACT = N NOTE 1: One entry is permitted per LREF line for ENNI/ EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when BDW field is populated. ASR ACT = D Optional NOTE 1: When NUT field is populated with 02, and LOSACT field is populated, then LOS entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK and the LOSACT field is not populated, then no LOS field entry is required in the UNI Mapping Detail Section on EVC Page 1.	
BDW	EXAMPLE: 10M	**Bandwidth** Identifies the bandwidth rate defined by the Level of Service. Data and is a numeric entry in megabits only. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 9 ASR ACT = N NOTE 1: One entry is permitted per LREF line for ENNI/EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when LOS field is populated. ASR ACT = D Optional NOTE 1: When NUT field = 02, and LOS field is populated, then BDW entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field = BLANK and the LOS field is not populated, then no BDW field entry is required in the UNI Mapping Detail Section EVC Page 1.	N-Required R-Prohibited C-Prohibited D-Optional
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R- Prohibited C- Prohibited D-Optional
PG_of_	Page____of ____	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 1 of 0 0 2	System generated.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
THE FOLLOWING DATA IS REQUIRED ON THE SECOND EVC SCREEN FORM FOR AN ENNI/EVC COMBINATION ASR EVCI FIELD ON ENNI ASR PAGE = B [Page 2 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC02 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited D-Required
NC	Network Channel	**Network Channel Code** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited D-Conditional
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Data must be the same as populated on EVC Pg 1	N-N/A R-Prohibited C-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited D-Optional
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Data must be the same as populated on EVC Page 1	N-Optional R-Prohibited C-Prohibited D-Optional
UREF	02	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for second circuit [RUID 2] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 2: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Page 2. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Page 2	N-Required R-Prohibited C-Prohibited D-Optional
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending ENNI circuit information ordered on the ENNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the ENNI/EVC combination ASR and the associated RUID 2 and other required fields in the UNI Mapping Detail Section on EVC Page 2 are BLANK. NOTE: If AUNT field is populated with an “A” on EVC01 Page for UREF01 information, then the AUNT field on the EVC02 page for the UREF02 information must be BLANK.	N-Required C-Prohibited R-Prohibited D-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Data must be the same as populated on EVC Pg 1	N-Required R-Prohibited C-Prohibited D-Optional K-Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 7. ASR ACT = N NCI Code references the Frame Format of the UNI circuit populated in RUID 2 field on EVC Page 2 or the NCI Code of the pending ENNI circuit when the AUNT field = "A". ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Page 2.	N-Required R-Prohibited C-Prohibited D-Optional
EVCSP	TLS UNI or ENNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI/ENNI termination. ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI/ENNI circuit populated in the RUID 2 field on EVC Page 2. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new ENNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against current Customer Service Record of ENNI. If data retrieved is different from customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends informational C/NR to the customer. ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 2. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Page 2.	N-Optional R-Prohibited C-Prohibited D-Optional
RUID	Example: 32.KFGS.123123..NY	**Related UNI/ENNI Identifier** Identifies TLS UNI or ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 2 field are as follows: ASR ACT = N RUID 2 must be the second UN or /ENNI to which the EVC is being mapped NOTE 1: Population of RUID 2 field is required when the AUNT field = BLANK. Population of the RUID 2 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on an ENNI/EVC Combination ASR.	N-Conditional C-Prohibited R-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
RUID		ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 2 and other fields in the UNI Mapping Detail Section are not required on EVC Page 2. NOTE 2: When the NUT field is populated the RUID 2 and other fields on the UNI Mapping Detail Section are required on EVC Page 2	
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited D-Optional
LOS	BASIC, PD, RT	**Level of Service Name** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited D-Optional
BDW	EXAMPLE: 10M	**Bandwidth** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited D-Optional
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
PG_of_	Page____of ____	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 2 of 0 0 2	System generated

JOB AID 2

ENNI PORT ONLY ASR ORDER MATRIX
NC/NCI/SECNCI & SPEC CODE

* SMF = SINGLE MODE FIBER

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SCM
ENNI PORT ONLY					
1G – Existing/Embedded Base	SNH1	*02CXF.N1G	02QBF.K02	N/A	SXGS
1G – New for C-Tag	SNH1	02CXF.AG2	02QBF.K02	N/A	SXGS
1G – New for S-Tag	SNH1	02CXF.AG1	02QBF.K02	N/A	SXGS
10G – Existing/Embedded Base	SNH2	*02CXF.NXG	02QBF.K02	N/A	SXGS
10G – New for C-Tag	SNH2	02CXF.AGY	02QBF.K02	N/A	SXGS
10G – New for S-Tag	SNH2	02CXF.AGX	02QBF.K02	N/A	SXGS

Column 1: Service Description
Column 2: NC Code = Network Channel Code of Port
Column 3 : NCI Code = Primary Network Channel Interface
Column 4 : SECNCI Code = Secondary Network Channel Interface of Port
Column 5 SPEC Code N/A
Column 6: SR = Special Routing N/A

1G ENNI NCI:

1. *02CXF.N1G grandfathered for ASR Activity of N
2. *02CXF.N1G permitted for ASR Activity of R, C, and D [embedded base only]
3. 02CFX.AG2 required on all ASR Activity of N for 1G ENNI Port Only orders with C-Tag option (outer tag is C-tag)
   02CXF.AG1 required on all ASR Activity of N for 1G ENNI Port Only orders with S-Tag option (outer tag is S-tag)
4.
5. **10G ENNI NCI:**
6. *02CXF.NXG grandfathered for ASR Activity of N
7. *02CXF.NXG permitted for ASR Activity of R, C, and D [embedded base only]
8. 02CFX.AGY required on all ASR Activity of N for 10G ENNI orders with C-Tag option (outer tag is C-tag)
   02CXF.AGX required on all ASR Activity of N for 10G ENNI orders with S-Tag option (outer tag is S-tag)

ENNI PORT ONLY
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
SNH1, SNH2	SXGS	36.SXGS.123456..CD

JOB AID 3

ENNI PORT ONLY ASR EXHIBITS

Below are ASR Exhibits for the ENNI Port Only Services.

ASR EXHIBIT #1
INSTALL 1 GBPS ENNI PORT ONLY WITH IAOJ [INTRA OFFICE JUMPER]
COMMON COLLOCATION = Y [YES]
60 MONTH TERM PRICING PLAN,
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE						
ABC	ENNI-1G-COLLOC		AA	NE01		View Only						
CC		UNE		SPEC	TSP	ReqType	SD	SRN		SEI	Y	
ACT	N	DDD	CUST DDD	FDT	Sup	EXP		EDA				
QSA		BAN	617 M17-XXXX	CUS	XXX	LTP		RTR	F			
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001			
LA		LA Name		LA Dated		AFO		LAG	Unit			
C		ACTL	BSTNMAXXHXX	APOT	BSTNMAXXHXX			LATA	128			
CKR	Customer CKR			ECCKT	95.SXGS.123456..NE	JPR				ASG		
PIU	100	PLU		WSI		LUP		TQ		EVCI		
ALBR		AGAUTH		Dated		NMB	Applicable					
Project		PPTD		RPON		NAG		CCVN				
NOR		RORD		AENG		CBD		CCI				
		ASC-EC		QNAI		BSA		LNI		FBA		
		PSL		PSLI		CNO		TNT		QA		
	WST			ISTN						VZB		
	FNI			FNT				RFNI		CFNI		
	SAN			AFG				SPA				
	BIC			BIC Tel						BICID		
REMARKS	Optional for customer information – Install 1G ENNI Port with jumper connection											

Administrative Information [ADM]									
ACNA	ABC		TE		FUSF	E		EBP	
Bill Name	ABC				SBill Name	BILLING MGT			
Street	100 MAIN ST				Floor			Room	
City	ANYTOWN				State	MA		Zip	XXXXX
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email			
VTA	60		VCVTA		IWBAN				
MTCE	APC		MTCE Tel No	999 999-9999			MTCE Email		
PNUM	FB1234567		PSD		LOB				

Circuit Information									
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No			
Init Email									
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999		
DSG Email			Street	100 MAIN ST		Floor			
Room	E171		City	ANYTOWN		State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY		TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME		DRC			FDRC			
CB TEL NO			CBPC						

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-1G-COLLOC	AA	NE01		View Only

Circuit Details											
NC	SNH1	NCI	02CXF.N1G	SECNCI	02QBF.K02	SR	SBDW	BUM	BI	ES	
PROFE					PROFI						
LAG-ID				LAG-P							
DIVCKT					DIVPON						

Location					
CCEA	HB2L0/LGS/15/CMBRMAXX/CMBRMAXXHXX				
GETO	GBTN		GCON		GTEL
IP ADDRESS			IPAI	SUBNET MASK	
ESP	CLLI [TLS SWITCH]			OTC	
SECLOC LSO	617XXX		SECLOC SWC	BSTNMAXXDXX	

Service Options
REMARKS

ASR EXHIBIT #2
INSTALL 10 GBPS ENNI PORT ONLY WITH EXTENDED COLLOCATION
COMMON COLLOCATION = N [NO]
60 MONTH TERM PRICING PLAN
TRANSPORT ORDER – ORDERED SEPARATELY BY THE CUSTOMER

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE					
ABC	ENNI-1G-EXTCOL		AA	NE01			View Only					
CC	UNE		SPEC	TSP	ReqType	SD	SRNSEI	Y				
ACT	N	DDD	CUST DDD	FDT	Sup		EXP		EDA			
QSA		BAN	617 M17-XXXX	CUS	XXX	LTP		RTR	F			
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001			
LA		LA Name		LA Dated		AFO		LAG	Unit			
C		ACTL	BSTNMAXXHXX	APOT	BSTNMAXXHXX			LATA	128			
CKR	Customer CKR			ECCKT	95.SXGS.123456..NE			JPR				ASG
PIU	100	PLU		WSI		LUP		TQ		EVCI		
ALBR		AGAUTH		Dated		NMB	Applicable					
Project		PPTD		RPON		NAG		CCVN				
NOR		RORD		AENG		CBD		CCI				
		ASC-EC		QNAI		BSA		LNI		FBA		
		PSL		PSLI		CNO		TNT		QA		
	WST			ISTN						VZB		
	FNI			FNT				RFNI		CFNI		
	SAN			AFG				SPA				
	BIC			BIC Tel						BICID		
REMARKS	Optional for customer information – Install 10G ENNI Port to Extended Collocation											

Administrative Information [ADM]									
ACNA	ABC		TE		FUSF	E		EBP	
Bill Name	ABC				SBill Name	BILLING MGT			
Street	100 MAIN ST				Floor			Room	
City	ANYTOWN				State	MA		Zip	XXXXX
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email			
VTA	60		VCVTA		IWBAN				
MTCE	APC		MTCE Tel No	999 999-9999			MTCE Email		
PNUM	FB1234567		PSD		LOB				

Circuit Information									
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No			
Init Email									
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999		
DSG Email			Street	100 MAIN ST			Floor		
Room	E171		City	ANYTOWN		State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY		TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME		DRC			FDRC			
CB TEL NO			CBPC						

Switched Ethernet Service Request [SES]											
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE				
ABC	ENNI-1G-EXTCOL		AA	NE01			View Only				
Circuit Details											
NC	SNH2	NCI	02CXF.NXG	SECNCI	02QBF.K02	SR	SBDW	BUM	BI	ES	PROFE
					PROFI						
LAG-ID				LAG-P							
DIVCKT					DIVPON						
Location											
CCEA											
GETO		GBTN		GCON		GTEL					
IP ADDRESS				IPAI		SUBNET MASK					
ESP	BSTNMAPO16W				OTC						
SECLOC LSO	617XXX			SECLOC SWC	BSTNMAPODXX						
Service Options											
REMARKS											

ASR EXHIBIT #3
INSTALL 1 GBPS ENNI PORT ONLY WITH POP LOCATION
COMMON COLLOCATION = N [NO]
24 MONTH VARIABLE TERM PRICING PLAN
TRANSPORT ORDER – ORDERED SEPARATELY BY THE CUSTOMER

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE						
ABC	ENNI-1G-POP		AA	NE01		View Only						
CC		UNE		SPEC		TSP		ReqType	SD	SRN	SEI	Y
ACT	N	DDD	CUST DDD	FDT		Sup		EXP		EDA		
QSA		BAN	617 M17-XXXX	CUS	XXX	LTP		RTR	F			
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001			
LA		LA Name		LA Dated		AFO		LAG	Unit			
C		ACTL	BSTNMAXXW01	APOT	BSTNMAXXW01			LATA	128			
CKR	Customer CKR			ECCKT	95.SXGS.123456..NE			JPR				ASG
PIU	100	PLU		WSI		LUP		TQ		EVCI		
ALBR		AGAUTH		Dated		NMB	Applicable					
Project		PPTD		RPON		NAG		CCVN				
NOR		RORD		AENG		CBD		CCI				
		ASC-EC		QNAI		BSA		LNI		FBA		
		PSL		PSLI		CNO		TNT		QA		
	WST			ISTN						VZB		
	FNI			FNT				RFNI		CFNI		
	SAN			AFG				SPA				
	BIC			BIC Tel						BICID		
REMARKS	Optional for customer information – Install 1G ENNI Port to POP location											

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST			Floor		Room	
City	ANYTOWN			State	MA	Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888	Bill Contact Email			
VTA	24	VCVTA		IWBAN			
MTCE	APC	MTCE Tel No	999 999-9999	MTCE Email			
PNUM	FB1234567	PSD		LOB			

Circuit Information							
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG Email		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			
CB TEL NO		CBPC					

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-1G-POP	AA	NE01		View Only

Circuit Details											
NC	SNH1	NCI	02CXF.N1G	SECNCI	02QBF.K02	SR	SBDW	BUM	BI	ES	
PROFE					PROFI						
LAG-ID				LAG-P							
DIVCKT					DIVPON						

Location					
CCEA	HB2L0/LGS/15/CMBRMAXX/CMBRMAXXHXX				
GETO		GBTN	GCON		GTEL
IP ADDRESS			IPAI	SUBNET MASK	
ESP	CLLI [TLS SWITCH]			OTC	
SECLOC LSO	617XXX		SECLOC SWC	BSTNMAXXDXX	

Service Options
REMARKS

ASR EXHIBIT #4
INSTALL 1 GBPS ENNI PORT ONLY WITH POP LOCATION
COMMON COLLOCATION = N [NO]
WITH 50M BASIC POINT TO POINT EVC
24 MONTH VARIABLE TERM PRICING PLAN
TRANSPORT ORDER – ORDERED SEPARATELY BY THE CUSTOMER

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE						
ABC	ENNI-1GEVC		AA	NE01		View Only						
CC		UNE		SPEC	TSP	ReqType	SD	SRN	SEI	Y		
ACT	N	DDD	CUST DDD	FDT	Sup	EXP		EDA				
QSA		BAN	617 M17-XXXX	CUS	XXX	LTP		RTR	F			
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001			
LA		LA Name		LA Dated		AFO		LAG	Unit			
C		ACTL	BSTNMAXXW01	APOT	BSTNMAXXW01			LATA	128			
CKR	Customer CKR			ECCKT	95.SXGS.123456..NE			JPR			ASG	
PIU	100	PLU		WSI		LUP		TQ		EVCI	B	
ALBR		AGAUTH		Dated		NMB	Applicable					
Project		PPTD		RPON		NAG		CCVN				
NOR		RORD		AENG		CBD		CCI				
		ASC-EC		QNAI		BSA		LNI		FBA		
		PSL		PSLI		CNO		TNT		QA		
	WST			ISTN						VZB		
	FNI			FNT				RFNI		CFNI		
	SAN			AFG				SPA				
	BIC			BIC Tel						BICID		
REMARKS	Optional for customer information – Install 1G ENNI Port to POP location with 50M EVC											
Administrative Information [ADM]												
ACNA	ABC		TE		FUSF	E				EBP		
Bill Name	ABC				SBill Name	BILLING MGT						
Street	100 MAIN ST				Floor					Room		
City	ANYTOWN				State	MA				Zip	XXXXX	
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888				Bill Contact Email				
VTA	24		VCVTA		IWBAN							
MTCE	APC		MTCE Tel No	999 999-9999				MTCE Email				
PNUM	FB1234567		PSD		LOB							
Circuit Information												
Init	JOHN DOE		TEL No	999-999-9999-8888888				Init Fax No				
Init Email												
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888				DSG Fax No	999 999-9999			
DSG Email			Street	100 MAIN ST				Floor				
Room	E171		City	ANYTOWN			State	MA	Zip	XXXXX		
IMP Contact	TECH ON DUTY		TEL No	999 999-9999								
D/T Rec	MM/DD/YY TIME		DRC				FDRC					
CB TEL NO			CBPC									

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-1GEVC	AA	NE01		View Only

Circuit Details										
NC	SNH1	NCI	02CXF.N1G	SECNCI	02QBF.K02	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA	HB2L0/LGS/15/CMBRMAXX/CMBRMAXXHXX				
GETO		GBTN	GCON		GTEL
IP ADDRESS			IPAI	SUBNET MASK	
ESP	CLLI [TLS SWITCH]			OTC	
SECLOC LSO	617XXX		SECLOC SWC	BSTNMAXXDXX	

Service Options
REMARKS

Ethernet Virtual Connection [EVC]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-1GEVC	AA	NE01		View Only

Ethernet Virtual Connection Detail Section									
EVC NUM	0001	NC	VLP-	EVC CLS ID	95.VLXP.444444..NE		NUT	02	SVP
EVCCKR									

UNI Mapping Detail Section													
UREF	01	EI	AUNT	A	UACT	N	RPON	NCI	02VLN.VP	L2CP	EVCSP	SWITCH CLLI RUID 1	
VACT	CE-VLAN	0015	VACT	CE-VLAN	VACT	CE-VLAN	VACT	CE-VLAN					
VACT	CE-VLAN		VACT	CE-VLAN	VACT	CE-VLAN	VACT	CE-VLAN					
VACT	CE-VLAN		VACT	CE-VLAN									
RUID	95.SXGS.123456..NE			R/L	S-VACT	S-VLAN	S-VACT	S-VLAN	S-VACT	S-VLAN			
EVCMPID				OTC									
ALT ORD													
LREF	1	LOSACT	N	LOS	BASIC		SPEC	P-BIT	BDW	50M	DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
REMARKS	Optional for customer information									01 OF 02			

Ethernet Virtual Connection [EVC]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-1GEVC	AA	NE01		View Only

Ethernet Virtual Connection Detail Section									
EVC NUM	00021	NC	VLP-	EVC CLS ID	95.VLXP.444444..NE		NUT	02	SVP
EVCCKR									

UNI Mapping Detail Section													
UREF	02	EI	AUNT		UACT	N	RPON	NCI	02VLN.VP	L2CP	EVCSP	SWITCH CLLI RUID 2	
VACT	CE-VLAN	0015	VACT	CE-VLAN	VACT	CE-VLAN	VACT	CE-VLAN					
VACT	CE-VLAN		VACT	CE-VLAN	VACT	CE-VLAN	VACT	CE-VLAN					
VACT	CE-VLAN		VACT	CE-VLAN									
RUID	95.KFGS.222222..NE			R/L	S-VACT	S-VLAN	S-VACT	S-VLAN	S-VACT	S-VLAN			
EVCMPID				OTC									
ALT ORD													
LREF	1	LOSACT	N	LOS	BASIC		SPEC	P-BIT	BDW	50M	DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
LREF		LOSACT		LOS			SPEC	P-BIT	BDW		DSPC	TOS	
REMARKS	Optional for customer information									02 OF 02			

ENNI PORT ONLY
ADDITIONAL INFORMATION AND ASR EXHIBITS
SUBSEQUENT ACTIVITY REQUESTS

Below are additional ASR Ordering examples for SES/TLS ENNI Port Only Activity subsequent to an initial ASR Activity of N.

ASR ACTIVITY OF C

There are multiple fields a customer is permitted to change on an ASR Activity of C. The change activities that are presently permitted and automated are listed below:

- Customer Circuit Identifier [CKR field]
- Forbearance Contract ID [PNUM field]
- TSP for TLS Services [TSP field]

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

ASR EXHIBIT #5
CHANGE TO ADD TSP TO EXISTING CIRCUIT
1 GBPS ENNI

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE						
ABC	ENNI-TSPCHG		AA	NE01		View Only						
CC		UNE		SPEC	TSP	TSP12345A-11	ReqType	SD	SRN	SEI	Y	
ACT	C	DDD	CUST DDD	FDT	Sup		EXP		EDA			
QSA		BAN	617 M17-XXXX	CUS	XXX	LTP	RTR	F				
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC	Qty1	0000001				
LA		LA Name		LA Dated		AFO	LAG					
Unit	C	ACTL	BSTNMAXXW01	APOT			LATA	128				
CKR	Customer CKR			ECCKT	95.SXGS.123456..NE		JPR				ASG	
PIU	100	PLU		WSI		LUP	TQ		EVCI			
ALBR		AGAUTH		Dated		NMB	Applicable					
Project		PPTD		RPON		NAG	CCVN					
NOR		RORD		AENG		CBD	CCI					
		ASC-EC		QNAI	BSA	LNI	FBA					
		PSL		PSLI	CNO	TNT	QA					
	WST			ISTN				VZB				
	FNI			FNT		RFNI		CFNI				
	SAN			AFG		SPA						
	BIC			BIC Tel				BICID				
REMARKS	Optional for customer information – Add TSP to existing circuit											
Administrative Information [ADM]												
ACNA	ABC		TE		FUSF	E		EBP				
Bill Name	ABC				SBill Name	BILLING MGT						
Street	100 MAIN ST				Floor			Room				
City	ANYTOWN				State	MA		Zip	XXXXX			
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email						
VTA	24		VCVTA		IWBAN							
MTCE	APC		MTCE Tel No	999 999-9999		MTCE Email						
PNUM	FB1234567		PSD		LOB							
Circuit Information												
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No						
Init Email												
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999					
DSG Email			Street	100 MAIN ST		Floor						
Room	E171		City	ANYTOWN		State	MA	Zip	XXXXX			
IMP Contact	TECH ON DUTY		TEL No	999 999-9999								
D/T Rec	MM/DD/YY TIME		DRC			FDRC						
CB TEL NO			CBPC									

Switched Ethernet Service Request [SES]											
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE				
ABC	ENNI-TSPCHG		AA	NE01			View Only				
Circuit Details											
NC	SNH1	NCI	02CXF.N1G	SECNCI	02QBF.K02	SR	SBDW	BUM	BI	ES	
PROFE					PROFI						
LAG-ID				LAG-P							
DIVCKT					DIVPON						
Location											
CCEA											
GETO		GBTN		GCON		GTEL					
IP ADDRESS				IPAI		SUBNET MASK					
ESP	BSTNMAXX16W			OTC							
SECLOC LSO	617XXX			SECLOC SWC	BSTNMAXXDXX						
Service Options											
REMARKS											

ENNI PACKAGED PORT AND ACCESS SECTION

This portion of the Ordering Guide is exclusive to the ENNI Packaged Port and Access Service Type.
The service attributes applicable to the ENNI Packaged Port and Access Service Type are listed below in the SERVICE ELIGIBLITY Section.

ENNI PACKAGED PORT AND ACCESS SERVICE

ENNI [External Network-to-Network Interface]
ENNI Packaged Port and Access service provides port and access connectivity from a customer's network facility location to the TLS Switch.

ENNI Packaged Port and Access requests are only ordered to a customer POP connection
ENNI Packaged Port and Access ENNIs are available in speeds of 1G and 10G.
ENNI Packaged Port and Access ENNIs are eligible to be ordered as a Link Aggregated Pair [LAG]

SERVICE ELIGIBILITY

ENNI Packaged Port and Access ENNIs are eligible for:

- Point to Point EVC connections
- EVPLAN EVC connections
- Direct to Firm service requests
- Recommended or Preferred TLS Switch
- EVC connections to ERS Premier UNI and ERS Tunnel Access UNI circuits in the same customer domain/LATA
- ENNI/EVC Combination ASR
- PING the NID
- Optical Interface [Single Mode handoff for all Port Speeds]
- TSP [Telecommunications Service Priority]
- Expedite requests [EXP field = Y] where permitted
- ENNI LAG Services [Link Aggregation] for 1G and 10G Port speeds.
  LAG Services require a Custom BID Case # [populated in the CNO ASR field]

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JOB AID 4

ENNI PACKAGED PORT AND ACCESS ASR REQUIREMENTS [FIRM]

Below are the applicable screens for the ENNI PACKAGED PORT AND ACCESS Direct Firm ASRs for the SD request types.
ASOG fields and BAU fields are required in addition to the TLS enni product specific fields.
Note 1: ASR Requirements for the ENNI/EVC Combination ASR include the screens and fields below and the additional EVC screens and fields following the ENNI ASR requirements.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required R-Required C-Required D-Required
SPEC	ERSNPA or TLSMLGE	**Service and Product Enhancement Code** Valid values ASR ACT = N, R, C, D ERSNPA is only permitted for Stand-alone ENNI Packaged Port & Access requests as of May 2014. ASR ACT = R, C, D [QTY = 02] ERSNPA: ENNI Packaged Port and Access-ERS Premier Network Interface TLS ENNI. NOTE: ERSNPA is grandfathered for ASR ACT = N for LAG [Link Aggregation] as of May 2014. ERSNPA is permitted on existing LAG pair circuits for subsequent ASR Activity ordered with the ERSNPA when the QTY = 02. ASR ACT = N, R, C, D TLSMLGE: ENNI Packaged Port and Access-ERS Premier Network Interface TLS ENNI LAG. NOTE: TLSMLGE is required for ASR ACT = N for LAG [Link Aggregation] and is required on subsequent ASR Activity for LAG circuits ordered with the TLSMLGE SPEC. TLSMLGE is only permitted for LAG ENNI Packaged Port & Access requests as of May 2014.	ERSNPA N-Prohibited for LAG N-Required for Stand-alone R-Required C-Required D-Required TLSMLGE N-Prohibited for Stand-alone N-Required for LAG R-Required C-Required D-Required
TSP	Telecommunications Service Priority ID	**Telecommunications Service Priority** 12 character code required. 1st – 9th characters = TSP Control ID [computer generated number used for government tracking purposes].. 10th character = a hyphen. 11th and 12th characters = the TSP Priority Code.	N-Optional R-Required if TSP present on CSR C-Required if TSP present on CSR D-N/A
REQ TYPE	SD	**Requisition Type and Status** SD = Network User. D in second position of REQ TYPE indicates Firm request	N-Required R-Optional C-Optional D-N/A
EXP	Y or BLANK	**Expedite** Expedite services are optional and conditional for ENNI Packaged Port & Access Services Valid values Y = Yes for Expedite BLANK = No expedite NOTE 1: Prohibited for 10G ENNI service request. NOTE 2: Prohibited when EDA field is populated. NOTE 3: Prohibited when ENNI service request is LAG.	N-Optional for Stand-alone N-Prohibited for LAG & 10G R-N/A C-N/A D- N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for ENNI services. Valid values Y = Yes for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon. BLANK = No for Early Date Acceptance NOTE 1: Prohibited when EXP field is populated.	N-Optional R-N/A C-N/A D- N/A
BAN	N, E or Populated Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** N = New E = Existing Populated = Customer BAN <u>BAN = N</u> Verizon ordering system sends customer billing data to wholesale billing system to create a new BAN <u>BAN = E</u> Indicates an existing BAN: Verizon ordering system searches the wholesale billing system for an existing customer BAN in the appropriate LATA. If an existing BAN is found, it is populates in the BAN field. <u>Populated BAN:</u> Indicates a customer specific BAN: Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system, replaces the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. <u>Valid BANS:</u> The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	N-Required R-Required C-Required D-Optional
QTY	01 or 02	**Quantity** Valid values 01 = Stand-alone Stand Alone ENNI – Quantity of 01 required when ENNI is a stand-alone circuit. 02 = LAG ENNI LAG ENNI – Quantity of 02 required when ENNI is a LAG Service Request and LAG field = N.	N-Required R-Required C-Required D-Required
AFO	BLANK or Y	**Additional Forms** Valid values BLANK = Customer is not ordering LAG. NOTE 1: AFO must be BLANK when QTY = 01 Y in 1st position of field = Customer is ordering LAG NOTE 2: AFO must be Y in 1st position of field when QTY = 02 for Link Aggregation	N-Required R-N/A C-N/A D-N/A
LAG	BLANK or N	**Link Aggregation Group** Valid values BLANK = Customer is not ordering LAG. NOTE 1: LAG must be BLANK when QTY = 01 N = Customer is ordering LAG. NOTE 2: LAG must be N when QTY = 02	N-Required R-N/A C-N/A D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** 11 character CLLI code of customer POP location. ACTL cannot be Collocated	N-Required R-Required C-Required D-N/A
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional R-Optional C-Optional D-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required R-Required C-Required D-Prohibited
EVCI	B or BLANK	**Ethernet Virtual Connection Indicator** Valid values B = ENNI/EVC Combination ASR NOTE 1: B is the only valid entry and is required for ENNI/EVC Combination ASR. Generates the EVC Screen Pages BLANK = Stand Alone ENNI ASR or ENNI LAG NOTE 1: BLANK is the only valid entry for ENNI LAG. ENNI LAG is not eligible for the ENNI/EVC Combination ASR	N-Optional for Stand-alone N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional
SEI	Y	**Switched Ethernet Indicator** Valid value Y = SEI Indicator is required for all SES/TLS ENNI service requests.	N-Required R-Required C-Required D-Required

CNO	BLANK or POPULATED	**Case Number**
		Custom Bid Case Number
		
		Valid values
		BLANK = Custom BID Case # is no longer required for 10G ENNI Stand-alone service requests [SPEC = ERSPNA].
		POPULATED = Customer BID Case # is required for 1G and 10G ENNI LAG service requests [SPEC = TLSMLGE].
		NOTE: Customer must attend a pre-planning session with Verizon for 1G and 10G ENNI LAG Services.
		
		Format:
		YYYY-6 digits
		Example:
		2014-123456
			N-N/A for Stand-alone
			N-Required for LAG
			R-Prohibited
			C-Prohibited
			D-N/A

RMKS	Optional	**Remarks** Additional information from customer Customer may indicate what is being ordered. [Example: 1G ENNI Packaged Port & Access Circuit]	N-Optional R-Optional C-Optional M-Optional D-Optional
ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADMIN SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required R-Required C-Required D-Required
FUSF	E or N	**Federal Universal Service Fee** Valid values E = Exempt N = Non-exempt	N-Required R-Optional C-Required D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
VTA	Variable, 36, or 60	**Variable Term Agreement** Valid values Variable = non-standard contracted term [in months] 36 = 3 year term pricing plan 60 = 5 year term pricing plan	N-Required R-Required C-Required D-N/A
PNUM	FB Contract ID	**Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required R-Optional C-Required D-N/A.
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See ENNI Packaged Port and Access ASR Order Matrix JOB AID 5	N-Required R-Optional C-Required D-N/A.
NCI	Network Channel Interface	**Network Channel Interface Code** See ENNI Packaged Port and Access ASR Order Matrix JOB AID 5	N-Required R-Optional C-Required D-N/A.
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See ENNI Packaged Port and Access ASR Order Matrix JOB AID 5	N-Required R-Optional C-Required D-N/A.
LAG-P	AA, AS, BLANK	**Link Aggregation Group Protection** Valid values AA = Active/Active Entry of AA is permitted when ASR SPEC = ERSNPA, the QTY = 02, and ASR ACT = R, C, or D. Entry of AA is prohibited when ASR SPEC = ERSNPA and ASR ACT = N. AS = Active/Standby Entry of AS is required when ASR SPEC = TLSMLGE, LAG field = N, QTY field = 02, and ASR ACT = N. Entry of AS is only permitted when ASR SPEC = TLSMLGE for all subsequent Activities when TLSMLGE SPEC is present on CSR. BLANK = No LAG LAG-P field is BLANK when LAG is not being ordered and QTY field = 01	N-AA prohibited N-AS Required R-Optional C-AA or AS Required D-N/A
IP ADDRESS	Example: 123.52.156.8	**Internet Protocol Address** IP ADDRESS is an optional service offering. Entry required when customer is ordering PING the NID or changing IP Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR D-N/A
IPAI	4	**Internet Protocol Address Identifier** IPAI is an optional service offering. Valid value = 4 Entry required from customer when ordering PING the NID or changing IP Address or Subnet Mask Address	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR D-N/A
SUBNET MASK	Example: 456.55.156.9	**Subnet Mask** SUBNET MASK Address is an optional service offering. Entry required from customer when ordering PING the NID or changing Subnet Mask Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch - Verizon to assign NOTE 1: ESP field must be BLANK for ENNI LAG service requests. Customer preferred TLS Switch not permitted for ENNI LAG service requests CLLI = CLLI [11 characters] Customer preferred TLS Switch. NOTE 1: There is no "C" populated prior to the CLLI for the ESP field. Eleven characters only. NOTE: This field replaces the SECLOC field previously available on the Transport ASR forms for TLS Switch CLLI entry	N-Optional for Stand-alone N-Prohibited for LAG R-Optional for Stand-alone R-Prohibited for LAG C-Optional for Stand-alone C-Prohibited for LAG D-N/A
RMKS	Optional	**Remarks** Additional Customer Information	N-Optional R-Optional C-Optional D-Optional
THE FOLLOWING ASR SCREENS ARE GENERATED WHEN EVCI FIELD IS POPULATED WITH B [EVCI = B]			
THE FOLLOWING DATA IS REQUIRED ON THE FIRST EVC SCREEN FORM FOR AN ENNI/EVC COMBINATION ASR EVCI FIELD ON ENNI ASR PAGE = B [Page 1 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC01 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Customer EVC number: Identifies a unique customer provided number associated with the Ethernet Virtual Connection.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Required D-Prohibited for LAG
NC	Network Channel	**Network Channel Code** See EVC Point to Point ASR Order Matrix JOB AID 7. Required when NUT field is populated, otherwise prohibited.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Conditional D-Prohibited for LAG
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Valid values BLANK ASR ACT = N Verizon ordering system generates the EVCID. The EVCID is provider assigned. POPULATED = ACT D EVCID Example: 32.VLXP.111111..NY EVCID is required when a customer submits an ENNI/EVC Combo ASR to disconnect a physical circuit and the associated virtual circuit.	N-N/A R-Prohibited C-Prohibited D-Required D-Prohibited for LAG
NUT	02	**Number of UNI/ENNI Terminations** Valid values 02 = ASR ACT = N 02 or BLANK = ASR ACT = D ASR ACT = N Value of 02 indicates Point to Point EVC. Required and reflects the number of UNI/ENNI termination	N-Required N-Prohibited for LAG C-Prohibited R-Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
NUT		occurrences affected by the service request. ASR ACT = D Value of 02 indicates Point to Point EVC. NOTE 1: Population is Optional. When NUT field is populated with 02, other required fields in the UNI Mapping Detail Section must be populated. BLANK When NUT field is BLANK then no other fields in the UNI Mapping Detail Section are required.	
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Identifies the customer circuit ID of the Ethernet Virtual Circuit within the customer network	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
UREF	01	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI/ENNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for first circuit [RUID 1] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 1: When NUT field is populated on ASR ACT = D with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK on ASR ACT = D, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Page 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending ENNI circuit information ordered on the ENNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the ENNI/EVC combination ASR and the associated RUID 1 and other required fields in the UNI Mapping Detail Section on EVC Page 1 are BLANK. The information on the EVC page where the AUNT field is populated represents the attributes of the ENNI circuit being ordered on the combination ASR.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Prohibited D-Prohibited for LAG
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Identifies the activity that is taking place at the UNI termination point, and references the activity type of the EVC. Valid values	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
UACT		N = New/Add D = Disconnect K = Cancel ASR ACT = N UACT = N when NUT field = 02 ASR ACT = D UACT entry is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1. UACT = K: K usage is conditional. Entry of K is not permitted on initial issuance of an EVC request. This entry is only valid on a SUPP to cancel.	D-Optional D-Prohibited for LAG K- Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 7 ASR ACT = N NCI Code references the UNI/ENNI circuit populated in RUID 1 field on EVC Pg 1 or the NCI Code of the pending ENNI circuit when the AUNT field = “A”. ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
EVCSP	TLS ENNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the ENNI termination. ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the ENNI circuit populated in the RUID 1 field on EVC Page 1. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = “A”, the Verizon ordering system populates the EVCSP field associated to the new ENNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if provided] against current Customer Service Record of UNI/ENNI. If data retrieved is different from customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 1: Prohibited when NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Page 1.	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** See EVC Activity Table JOB AID 8 Valid values	N-Conditional N-Prohibited for LAG R-N/A C-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
VACT		N = New ASR ACT = N N – New is required when CE-VLAN field is populated with customer preferred VLAN-ID. BLANK ASR ACT = N Value = BLANK is required when CE-VLAN field is not populated. ASR ACT = D Prohibited.	D-Prohibited D-Prohibited for LAG
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Example: 0123 Valid value POPULATED ASR ACT = N POPULATED = 4 numeric sequence in 1st CE-VLAN field Population of this field indicates customer is ordering preferred EVC VLAN ID [VLAN Translation]. NOTE 1: When populated, the same CE-VLAN data is required on all EVC pages of the ASR. NOTE 2: When the CE-VLAN field is populated, the associated VACT field activity is required. ASR ACT = N BLANK = Customer is not ordering a preferred EVC VLAN ID. NOTE 1: When CE-VLAN field is BLANK, Verizon assigns the EVC VLAN ID and returns the ID to the customer on the FOC ASR ACT = D Prohibited. .	N-Conditional N-Prohibited for LAG R-N/A C-N/A D-Prohibited D-Prohibited for LAG
RUID	Example: 32.KFGS.123456..NY	**Related UNI/ENNI Identifier** Identifies TLS ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 1 field are as follows: ASR ACT = N RUID 1 must be the first ENNI from which the EVC is being mapped NOTE 1: Population of RUID 1 field is required when the AUNT field = BLANK. Population of the RUID 1 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on an ENNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 1 and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the RUID 1 and	N-Conditional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
RUID		other fields on the UNI Mapping Detail Section are required on EVC Page 1	
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Identifies the Level of Service Reference Number Each LREF line carries the required information for the Level of Service and Bandwidth associated to the EVC connection. ASR ACT = N NOTE 1: When a single Level of Service and single Bandwidth is requested all customer data is input on LREF 1. When multiple Levels of Service and multiple Bandwidth configurations are being requested, each one is listed on a subsequent LREF line [LREF 2 and LREF 3]. NOTE 2: LREF data populated on EVC Page 1 must be the same data populated on EVC Page 2 ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the LREF and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the LREF and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
LOSACT	N, D, or K	**Level of Service Activity Indicator** Identifies the activity for the level of service as part of the EVC configuration. See EVC Activity Table JOB AID 8 for valid LOSACT activities Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N N = New is required when the associated LREF field is populated. ASR ACT = D Optional D = Disconnect is required when the NUT field = 02, and LREF field is populated. Then LOSACT entry of D and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When the NUT field = BLANK and the LREF field is not populated, then no LOSACT field entry is required in the UNI Mapping Detail Section on EVC Page 1. LOSACT = K K = Cancel is only allowed on a SUPP.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
LOS	BASIC, PD, RT	**Level of Service Name** Identifies a name for a provider-defined level of service performance associated with the Ethernet product offering. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 9	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
LOS		Valid values BASIC PD = PRIORITY DATA RT = REAL TIME ASR ACT = N NOTE 1: One entry is permitted per LREF line for ENNI/ EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when BDW field is populated. ASR ACT = D Optional NOTE 1: When NUT field is populated with 02, and LOSACT field is populated, then LOS entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK and the LOSACT field is not populated, then no LOS field entry is required in the UNI Mapping Detail Section on EVC Page 1.	LAG
BDW	EXAMPLE: 10M	**Bandwidth** Identifies the bandwidth rate defined by the Level of Service. Data and is a numeric entry in megabits only. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 9 ASR ACT = N NOTE 1: One entry is permitted per LREF line for ENNI/EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when LOS field is populated. ASR ACT = D Optional NOTE 1: When NUT field = 02, and LOS field is populated, then BDW entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field = BLANK and the LOS field is not populated, then no BDW field entry is required in the UNI Mapping Detail Section EVC Page 1.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
PG_of_	Page____of ____	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 1 of 0 0 2	System generated.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
THE FOLLOWING DATA IS REQUIRED ON THE SECOND EVC SCREEN FORM FOR AN ENNI/EVC COMBINATION ASR EVCI FIELD ON ENNI ASR PAGE = B [Page 2 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC02 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Data must be the same as populated on EVC Page 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Required D-Prohibited for LAG
NC	Network Channel	**Network Channel Code** Data must be the same as populated on EVC Page 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Conditional D-Prohibited for LAG
EVCID	BLANK or Populated	**Ethernet Virtual Connection Identifier** Data must be the same as populated on EVC Pg 1	N-N/A R-Prohibited C-Prohibited D-Required D-Prohibited for LAG
NUT	02	**Number of UNI/ENNI Terminations** Data must be the same as populated on EVC Page 1	N-Required N-Prohibited for LAG C-Prohibited R-Prohibited D-Optional D-Prohibited for LAG
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Data must be the same as populated on EVC Page 1	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
UREF	02	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI or ENNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for second circuit [RUID 2] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
UREF		NOTE 2: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Pg 2. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Pg 2	
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending ENNI circuit information ordered on the ENNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the ENNI/EVC combination ASR and the associated RUID 2 and other required fields in the UNI Mapping Detail Section on EVC Page 2 are BLANK. NOTE: If AUNT field is populated with an "A" on EVC01 Page for UREF01 information, then the AUNT field on the EVC02 page for the UREF02 information must be BLANK.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Prohibited D-Prohibited for LAG
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Data must be the same as populated on EVC Pg 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG K- Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 7. ASR ACT = N NCI Code references the Frame Format of the UNI circuit populated in RUID 2 field on EVC Page 2 or the NCI Code of the pending ENNI circuit when the AUNT field = "A". ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Page 2.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
EVCSP	TLS UNI or ENNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI or ENNI termination. [TLS Switch CLLI associated to the circuit ID [RUID 2]. ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI or ENNI circuit populated in the RUID 2 field on EVC Page 2. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new ENNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against current Customer Service Record of ENNI. If data retrieved is different from customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends informational C/NR to the customer.	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EVCSP		ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 2. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Pg 2.	
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** Data must be the same as populated on EVC Page 1	N-Conditional N-Prohibited for LAG R-N/A C-N/A D-Prohibited D-Prohibited for LAG
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Data must be the same as populated on EVC Pg 1	N-Conditional N-Prohibited for LAG R-N/A C-N/A D-Prohibited D-Prohibited for LAG
RUID	Example: 32.KFGS.123123..NY	**Related UNI/ENNI Identifier** Identifies the TLS UNI or ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 2 field are as follows: ASR ACT = N RUID 2 must be the second UN or /ENNI to which the EVC is being mapped. NOTE 1: Population of RUID 2 field is required when the AUNT field = BLANK. Population of the RUID 2 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on an ENNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 2 and other fields in the UNI Mapping Detail Section are not required on EVC Page 2. NOTE 2: When the NUT field is populated the RUID 2 and other fields on the UNI Mapping Detail Section are required on EVC Page 2	N-Conditional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Data must be the same as populated on EVC Page 1	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
LOSACT	N, D, or K	**Level of Service Activity Indicator** Data must be the same as populated on EVC Page 1.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
LOS	BASIC, PD, RT	**Level of Service Name** Data must be the same as populated on EVC Page 1.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
BDW	EXAMPLE: 10M	**Bandwidth** Data must be the same as populated on EVC Page 1.	N-Required N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional N-Prohibited for LAG R-Prohibited C-Prohibited D-Optional D-Prohibited for LAG
PG_of_	Page____of ____	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 2 of 0 0 2	System generated

JOB AID 5

ENNI PACKAGED PORT AND ASR ORDER MATRIX
NC/NCI/SECNCI & SPEC CODES

* SMF = SINGLE MODE FIBER

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR	SCM
ENNI PACKAGED PORT AND ACCESS						
1G – Stand Alone/Combo Existing/Embedded Base	KFE-	02LNF.A02	*02CXF.N1G	ERSNPA	N/A	KFGD
1G – LAG Existing/Embedded Base	KFN-	02LNF.A02	*02CXF.N1G	TLSMLGE	N/A	KFGD
1G – Stand Alone/Combo New for C-Tag	KFE-	02LNF.A02	02CXF.AG2	ERSNPA	N/A	KFGD
1G – LAG New for C-Tag	KFN-	02LNF.A02	02CXF.AG2	TLSMLGE	N/A	KFGD
1G – Stand Alone/Combo for S-Tag	KFE-	02LNF.A02	02CXF.AG1	ERSNPA	N/A	KFGD
1G – LAG New for S-Tag	KFN-	02LNF.A02	02CXF.AG1	TLSMLGE	N/A	KFGD
10G – Stand Alone/Combo Existing/Embedded Base	KGE-	02LNF.A02	*02CXF.NXG	ERSNPA	N/A	KGGD
10G – LAG Existing/Embedded Base	KGF-	02LNF.A02	*02CXF.NXG	TLSMLGE	N/A	KGGD
10G – Stand Alone/Combo New for C-Tag	KGE-	02LNF.A02	02CXF.AGY	ERSNPA	N/A	KGGD
10G – LAG New for C-Tag	KGF-	02LNF.A02	02CXF.AGY	TLSMLGE	N/A	KGGD
10G – Stand Alone/Combo for S-Tag	KGE-	02LNF.A02	02CXF.AGX	ERSNPA	N/A	KGGD
10G – LAG New for S-Tag	KGF-	02LNF.A02	02CXF.AGX	TLSMLGE	N/A	KGGD

1. Column 1: Service Description
2. Column 2: NC Code = Network Channel Code of Port
3. Column 3: NCI Code = Primary Network Channel Interface
4. Column 4: SECNCI Code = Secondary Network Channel Interface of Port
5. Column 5: SPEC Code
   ERSNPA = Packaged Port & Access Standalone [QTY = 1]
   ERSNPA = Packaged Port & Access LAG [QTY = 2] Grandfathered for ASR ACT = N TLSMLGE = Packaged Port & Access LAG [QTY = 2]
6. Column 6: SR = Special Routing N/A

1G ENNI SECNCI:

- *02CXF.N1G grandfathered for ASR Activity of N
- *02CXF.N1G permitted for ASR Activity of R, C, and D [embedded base only]
- 02CFX.AG2 required on all ASR Activity of N for 1G ENNI Packaged Port & Access orders with C-Tag option (outer tag is C-tag)
- 02CXF.AG1 required on all ASR Activity of N 1G ENNI Packaged Port & Access orders with S-Tag option (outer tag is S-tag)

10G ENNI SECNCI:

- *02CXF.NXG grandfathered for ASR Activity of N
- *02CXF.NXG permitted for ASR Activity of R, C, and D [embedded base only]
- 02CFX.AGY is required on all ASR Activity of N 10G ENNI Packaged Port & Access orders with C-Tag option (outer tag is C-tag)
- 02CXF.AGX is required on all ASR Activity of N 10G ENNI Packaged Port & Access orders with S-Tag option (outer tag is S-tag)

ENNI PACKAGED PORT AND ACCESS
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
KFE-, KFN-	KFGD	32.KFGD.123456..NY
KGE-, KGF-	KGGD	95.KGGD.456789..NE

JOB AID 6

ENNI PACKAGED PORT AND ACCESS ASR EXHIBITS

Below are ASR Exhibits for the ENNI Packaged Port and Access Services.

ASR EXHIBIT #1
INSTALL 1 GBPS ENNI PACKAGED PORT AND ACCESS
60 MONTH TERM PRICING PLAN,
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]														
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE							
ABC	ENNIPPA-1G		AA	NY01			View Only							
CC		UNE			SPEC	ERSNPA		TSP		ReqType	SD	SRN		SEI Y
ACT	N	DDD	CUST DDD		FDT		Sup			EXP			EDA	
QSA		BAN	212 M17-XXXX		CUS	XXX	LTP			RTR	F			
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC			Qty1	0000001			
LA		LA Name			LA Dated		AFO			LAG	Unit			
C		ACTL	NYCMNYXXW02		APOT	NYCMNYXXW02				LATA	132			
CKR	Customer CKR				ECCKT	32.KFGD.123456..NY				JPR				ASG
PIU	100	PLU			WSI		LUP			TQ		EVCI		
ALBR		AGAUTH		Dated			NMB	Applicable						
Project		PPTD		RPON			NAG			CCVN				
NOR		RORD		AENG			CBD			CCI				
		ASC-EC		QNAI		BSA		LNI		FBA				
		PSL		PSLI		CNO		TNT		QA				
	WST			ISTN							VZB			
	FNI			FNT				RFNI			CFNI			
	SAN			AFG				SPA						
	BIC			BIC Tel							BICID			
REMARKS	Optional for customer information – Install 1G ENNI Packaged Port & Access													

Administrative Information [ADM]									
ACNA	ABC	TE		FUSF	E		EBP		
Bill Name	ABC			SBill Name	BILLING MGT				
Street	100 MAIN ST			Floor			Room		
City	ANYTOWN			State	MA		Zip	XXXXX	
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888		Bill Contact Email				
VTA	60	VCVTA		IWBAN					
MTCE	APC	MTCE Tel No	999 999-9999		MTCE Email				
PNUM	FB1234567	PSD		LOB					

Circuit Information									
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No					
Init Email									
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999				
DSG Email		Street	100 MAIN ST	Floor					
Room	E171	City	ANYTOWN	State	MA	Zip	XXXXX		
IMP Contact	TECH ON DUTY	TEL No	999 999-9999						
D/T Rec	MM/DD/YY TIME	DRC		FDRC					
CB TEL NO		CBPC							

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA-1G	AA	NY01		View Only
Circuit Details					
NC KFE- NCI 02LNF.A02 SECNCI 02CXF.N1G SR SBDW BUM BI ES PROFE PROFI LAG-ID LAG-P DIVCKT DIVPON					
Location					
CCEA GETO GBTN GCON GTEL IP ADDRESS IPAI SUBNET MASK ESP CLLI [TLS SWITCH] OTC SECLOC LSO 212XXX SECLOC SWC NYCMNYXXDXX					
Service Options					
REMARKS					

ASR EXHIBIT #2
INSTALL 10GBPS ENNI PACKAGED PORT AND ACCESS WITH LINK AGGREGATION
60 MONTH TERM PRICING PLAN
REQUIRES ASR SPEC CODE OF TLSMLGE
ASR LAG FIELD = N, QTY FIELD = 2,
CNO FIELD = CUSTOM BID CASE #

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS	CURRENT MODE					
ABC	ENNI-PPA10GLAG			AA	NJ90		View Only					
CC		UNE			SPEC	TLSMLGE	TSP	ReqType	SD		SRN	SEI Y
ACT	N	DDD	CUST DDD		FDT	Sup		EXP		EDA		
QSA		BAN	201 M17-XXXX		CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000002		
LA		LA Name			LA Dated		AFO	Y	LAG	N		
Unit	C	ACTL	NWRKNJXXW02		APOT	NWRKNJXXW02			LATA	224		
CKR	Customer CKR				ECCKT	. KGGD.111111..NJ			PR			ASG
PIU	100	PLU			WSI		LUP		TQ		EVCI	
ALBR		AGAUTH		Dated			NMB	Applicable				
Project		PPTD		RPON			NAG		CCVN			
NOR		RORD		AENG			CBD		CCI			
		ASC-EC		QNAI		BSA		LNI		FBA		
		PSL		PSLI		CNO	2014-556677	TNT		QA		
	WST				ISTN					VZB		
	FNI				FNT			RFNI		CFNI		
	SAN				AFG			SPA				
	BIC				BIC Tel					BICID		
REMARKS	Optional for customer information – Install 10G ENNI Packaged LAG pair Case # 2014-556677											

Administrative Information [ADM]									
ACNA	ABC		TE		FUSF	E		EBP	
Bill Name	ABC				SBill Name	BILLING MGT			
Street	100 MAIN ST				Floor			Room	
City	ANYTOWN				State	MA		Zip	XXXXX
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email			
VTA	60		VCVTA		IWBAN				
MTCE	APC		MTCE Tel No	999 999-9999			MTCE Email		
PNUM	FB1234567		PSD		LOB				

Circuit Information									
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No			
Init Email									
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999		
DSG Email			Street	100 MAIN ST		Floor			
Room	E171		City	ANYTOWN		State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY		TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME		DRC			FDRC			
CB TEL NO			CBPC						

Switched Ethernet Service Request [SES]										
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE				
ABC	ENNI-PPA10GLAG		AA	NJ90		View Only				
Circuit Details										
NC	KFG-	NCI	02LNF.A02	SECNCI	02CXF.NXG	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID	**.AWGD.333333..NJ**				LAG-P	AS				
DIVCKT					DIVPON					
Location										
CCEA										
GETO		GBTN		GCON		GTEL				
IP ADDRESS				IPAI		SUBNET MASK				
ESP	BLANK					OTC				
SECLOC LSO	201XXX			SECLOC SWC	NWRKNJXXDXX					
Service Options										
REMARKS										

Additional Circuit Information [AC I]										
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE				
ABC	ENNI-PPA10GLAG		AA	NJ90		View Only				
Ref Num	0002		Go to Ref Num	0002	GO					
ECCKT	.KGGD.222222..NJ				CKTACT	S25C		ER		
RECCKT					TRN	TCIC				
NHNI		NHN			ASG	RORD				
CFA					HBAN	CFAU				
SCFA						SCFAU				
CCEA					SCCEA					
CKR					CKRI					
WACD1					WACD2					
TSP		UBAN			UCUS					
DIVPON					DIVCKT					
ES		PROFE			PROFI	BUM	BI	SBDW		
IP ADDRESS		IPAI			SUBNET MASK					
Primary										
Jack Code		PCA			JS					
Secondary										
Jack Code		PCA			JS					
Jack Num		Jack Pos			CPT					
CRO1		CRO2								
SMJK [Pri]		MJK [Sec]		Dir	SDIR					

ASR EXHIBIT #3
INSTALL 1GBPS ENNI PACKAGED PORT AND ACCESS CIRCUIT
WITH 40MBPS REAL TIME POINT TO POINT EVC
ENNI/EVC COMBINATION ASR
60 MONTH TERM PRICING PLAN,
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]											
CCNA		PON		VER		ICSC		STATUS		CURRENT MODE	
ABC		ENNIPPA-1GEVC		AA		NY01				View Only	
CC		UNE		SPEC	ERSNPATSP	ReqType	SD			SRN	SEI Y
ACT	N	DDD	CUST DDD	FDT		Sup		EXP		EDA	
QSA		BAN	212 M17-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001		
LA		LA Name		LA Dated		AFO		LAG Unit			
C		ACTL	NYCMNYXXW02	APOT	NYCMNYXXW02			LATA	132		
CKR	Customer CKR			ECCKT	32.KFGD.111111..NY			JPR		ASG	
PIU	100	PLU		WSI		LUP		TQ		EVCI	B
ALBR		AGAUTH		Dated		NMB Applicable					
Project		PPTD		RPON		NAG		CCVN			
NOR		RORD		AENG		CBD		CCI			
		ASC-EC		QNAI		BSA		LNI		FBA	
		PSL		PSLI		CNO		TNT		QA	
	WST			ISTN						VZB	
	FNI			FNT				RFNI		CFNI	
	SAN			AFG				SPA			
	BIC			BIC Tel						BICID	
REMARKS	Optional for customer information – Install 1G ENNI Packaged Port and Access circuit with 40M Real Time Point to Point EVC										
Administrative Information [ADM]											
ACNA	ABC			TE		FUSF	E			EBP	
Bill Name	ABC					SBill Name	BILLING MGT				
Street	100 MAIN ST					Floor				Room	
City	ANYTOWN					State	MA			Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888					Bill Contact Email			
VTA	60	VCVTA		IWBAN							
MTCE	APC	MTCE Tel No	999 999-9999					MTCE Email			
PNUM	FB1234567	PSD		LOB							
Circuit Information											
Init	JOHN DOE	TEL No	999-999-9999-8888888					Init Fax No			
Init Email											
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888					DSG Fax No	999 999-9999		
DSG Email		Street	100 MAIN ST					Floor			
Room	E171	City	ANYTOWN					State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999								
D/T Rec	MM/DD/YY TIME	DRC						FDRC			
CB TEL NO		CBPC									

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA-1GEVC	AA	NY01		View Only
Circuit Details					
NC KFE- NCI 02LNF.A02 SECNCI 02CXF.N1G SR SBDW BUM BI ES PROFE PROFI LAG-ID LAG-P DIVCKT DIVPON					
Location					
CCEA GETO GBTN GCON GTEL IP ADDRESS IPAI SUBNET MASK ESP CLLI [TLS SWITCH] OTC SECLOC LSO 212XXX SECLOC SWC NYCMNYXXDXX					
Service Options					
REMARKS					

Ethernet Virtual Connection [EVC]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA-1GEVC	AA	NY01		View Only
Ethernet Virtual Connection Detail Section					
EVC NUM 0001 NC VLP- EVC CLS ID 32.VLXP.123456..NY NUT 02 SVP EVCCKR					
UNI Mapping Detail Section					
UREF 01 EI AUNT A UACT N RPON NCI 02VLN.VP L2CP EVCSP SWITCH CLLI RUID 1 VACT CE-VLAN 0016 VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN RUID 32.KFGD.111111..NY R/L S-VACT S-VLAN S-VACT S-VLAN S-VACT S-VLAN EVCMPID OTC ASN VPN-ACT VPN-ID ALT ORD ACO_BAAIS_2090960008005_0001					
LREF 1 LOSACT N LOS RT SPEC P-BIT BDW 40M DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS					
REMARKS Optional for customer information					01 OF 02

Ethernet Virtual Connection [EVC]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA-1GEVC	AA	NY01		View Only
Ethernet Virtual Connection Detail Section					
EVC NUM 0001 NC VLP- EVC CLS ID 32.VLXP.123456..NY NUT 02 SVP EVCCKR					
UNI Mapping Detail Section					
UREF 02 EI AUNT UACT N RPON NCI 02VLN.VP L2CP EVCSP SWITCH CLLI RUID 2 VACT CE-VLAN 0016 VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN VACT CE-VLAN RUID 32.KEGS.222222..NY R/L S-VACT S-VLAN S-VACT S-VLAN S-VACT S-VLAN EVCMPID OTC ASN VPN-ACT VPN-ID ALT ORD ACO_BAAIS_2090960008005_0001					
LREF 1 LOSACT N LOS RT SPEC P-BIT BDW 40M DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS LREF LOSACT LOS SPEC P-BIT BDW DSPC TOS					
REMARKS Optional for customer information					02 OF 02

ENNI PACKAGED PORT & ACCESS
ADDITIONAL INFORMATION AND ASR EXHIBITS
SUBSEQUENT ACTIVITY REQUESTS

Below are additional ASR Ordering examples for SES/TLS ENNI Packaged Port & Access Activity subsequent to an initial ASR Activity of N.

ASR ACTIVITY OF C

There are multiple fields a customer is permitted to change on an ASR ACT of C. The change activities that are presently permitted and automated are listed below:

- Customer Circuit Identifier [CKR field]
- Forbearance Contract ID [PNUM field]
- PING the NID [add, change, remove] [IP ADDRESS, IPAI, SUB NET MASK fields]
- TSP for TLS Services [TSP field]

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each ENNI change request.

ASR ACTIVITY OF C – CHANGE CUSTOMER CKR

Change orders for TLS ENNI Packaged Port & Access service for Customer circuit identifier are permitted on SD [Network] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on an ENNI Packaged Port & Access circuit for the Customer's Internal Circuit Identifier [CKR field].

NOTE 1: This type of change requires that all ordering components of the ENNI remain as is; the only change permitted is to the CKR field.

NOTE 2: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each ENNI change request.

NOTE 3: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #4
CHANGE CUSTOMER CIRCUIT IDENTIFIER
1 GBPS ENNI PACKAGED PORT AND ACCESS
OPTICAL HANDOFF, 60 MONTH TERM PRICING PLAN
REQUEST TYPE = SD [NETWORK TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]

CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA1G-C	AA	NY01		View Only

CC		UNE		SPEC	ERSNPA	TSP		ReqType	SD
ACT	C	DDD	CUST DDD	FDT		Sup		EXP	
QSA		BAN	212 M17-XXXX	CUS	XXX	LTP		RTR	F
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000001
LA		LA Name		LA Dated		AFO		LAG	
Unit	C	ACTL	NYCMNYXXW02	APOT				LATA	132
CKR	NYGIGEWEST			ECCKT	32.KFGD.123456..NY			JPR	
PIU	100	PLU		WSI		LUP		TQ	
ALBR		AGAUTH		Dated		NMB Applicable			
Project		PPTD		RPON		NAG		CCVN	
NOR		RORD		AENG		CBD		CCI	

SRN | SEI Y | EDA | ASG | EVCI

ASC-EC	QNAI	BSA	LNI	FBA	
PSL	PSLI	CNO	TNT	QA	

WST	ISTN		VZB
FNI	FNT	RFNI	CFNI
SAN	AFG	SPA	
BIC	BIC Tel		BICID

REMARKS Optional for customer information – Change customer circuit Identifier to NYGIGEWEST

Administrative Information [ADM]

ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST			Floor		Room	
City	ANYTOWN			State	MA	Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888			Bill Contact Email	
VTA	60	VCVTA		IWBAN			
MTCE	APC	MTCE Tel No	999 999-9999			MTCE Email	
PNUM	FB1234567	PSD		LOB			

Circuit Information

Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG Email		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			
CB TEL NO		CBPC					

Switched Ethernet Service Request [SES]										
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE			
ABC	ENNIPPA1G-C		AA	NY01			View Only			
Circuit Details										
NC	KFE-	NCI	02LNF.A02	SECNCI	02CXF.N1G	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					
Location										
CCEA										
GETO		GBTN		GCON		GTEL				
IP ADDRESS				IPAI		SUBNET MASK				
ESP	NYCMNYXX16W				OTC					
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX					
Service Options										
REMARKS										

ASR ACTIVITY OF C – CHANGE TO ADD TSP

Change orders for TLS ENNI Packaged Port & Access service to add TSP are permitted on SD [Network] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on an ENNI Packaged Port & Access circuit to add TSP [TSP field].

NOTE 1: This type of change requires that all ordering components of the ENNI remain as is; the only change permitted is to the TSP field.

NOTE 2: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each ENNI change request.

Any non-recurring charge for TSP change/add is billed to the customer's account.

NOTE 3: The service interval for a change request requires six [6] business days.

NOTE 4: TSP changes do not require a dispatch.

ASR EXHIBIT #5
CHANGE TO ADD TSP TO EXISTING ENNI PACKAGED PORT AND ACCESS CIRCUIT
TSP WITH PRIORITY INSTALLATION/PRIORITY RESTORATION
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS

SYSTEM GENERATED FIELDS

Access Service Request [ASR]

CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-PPA10G-TSP	AA	NJ90		View Only

CC		UNE		SPEC	ERSNPA	TSP	TSP12345A-33	ReqType	SD	SRN	SEI Y
ACT	C	DDD	CUST DDD	FDT		Sup		EXP		EDA	
QSA		BAN	201 M17-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME	ACTI		TSC		Qty1	0000002		
LA		LA Name		LA Dated		AFO		LAG			
Unit	C	ACTL	NWRKNJXXW02	APOT		LATA	224				
CKR	Customer CKR			ECCKT	.KGGD.111111..NJ			JPR		ASG	
PIU	100	PLU		WSI		LUP		TQ		EVCI	
ALBR		AGAUTH		Dated		NMB Applicable					
Project		PPTD		RPON		NAG		CCVN			
NOR		RORD		AENG		CBD		CCI			

ASC-EC	QNAI	BSA	LNI	FBA
PSL	PSLI	CNO	TNT	QA

WST	ISTN		VZB
FNI	FNT	RFNI	CFNI
SAN	AFG	SPA	
BIC	BIC Tel		BICID

REMARKS Optional for customer information – Add TSP Priority service to existing circuit.

Administrative Information [ADM]

ACNA	ABC	TE	FUSF E	EBP	
Bill Name	ABC		SBill Name BILLING MGT		
Street	100 MAIN ST		Floor	Room	
City	ANYTOWN		State MA	Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888	Bill Contact Email	
VTA	60	VCVTA	IWBAN		
MTCE	APC	MTCE Tel No	999 999-9999	MTCE Email	
PNUM	FB1234567	PSD	LOB		

Circuit Information

Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG Email		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			
CB TEL NO		CBPC					

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNI-PPA10G-TSP	AA	NJ90		View Only
Circuit Details					
NC	KGE-	NCI	02LNF.A02	SECNCI	02CXF.NXG
SR	SBDW	BUM	BI	ES	
PROFE			PROFI		
LAG-ID			LAG-P		
DIVCKT			DIVPON		
Location					
CCEA					
GETO		GBTN		GCON	
GTEL					
IP ADDRESS			IPAI		
SUBNET MASK					
ESP	NWRKNJXX16W		OTC		
SECLOC LSO	201XXX		SECLOC SWC	NWRKNJXXDXX	
Service Options					
REMARKS					

ASR ACTIVITY OF C – CHANGE TO ADD IP AND SUBNET MASK ADDRESSES

Change orders for TLS ENNI Packaged Port & Access service to add, modify, or remove the IP and/or Sub Net Mask Addresses are permitted on SD [Network] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change to the IP Address and Sub Net Mask Address.

NOTE 1: This type of change requires that all ordering components of the ENNI remain as is; the only change is to the IP ADDRESS, IPAI, and SUB NET MASK fields.

NOTE 2: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each ENNI change request. EVCs associated to the ENNI are retained and are not required to be disconnected and reordered after the ENNI change is implemented.

NOTE 3: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #6
CHANGE TO ADD IP AND SUB NET MASK ADDRESSES
1GBPS ENNI PACKAGED PORT AND ACCESS
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS	CURRENT MODE					
ABC	ENNIPPA-1GCHG			AA	NY01		View Only					
CC		UNE			SPEC	ERSNPA	TSP	ReqType	SD		SRN	SEI Y
ACT	C	DDD	CUST DDD		FDT		Sup	EXP		EDA		
QSA		BAN	212 M17-XXXX		CUS	XXX	LTP	RTR	F			
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC	Qty1	0000001			
LA		LA Name			LA Dated		AFO	LAG				
Unit	C	ACTL	NYCMNYXXW02		APOT	NYCMNYXXW02		LATA	132			
CKR	Customer CKR				ECCKT	32.KFGD.123456..NY		JPR			ASG	
PIU	100	PLU			WSI		LUP	TQ		EVCI		
ALBR		AGAUTH		Dated			NMB	Applicable				
Project		PPTD		RPON			NAG		CCVN			
NOR		RORD		AENG			CBD		CCI			
		ASC-EC		QNAI		BSA	LNI		FBA			
		PSL		PSLI		CNO	TNT		QA			
	WST				ISTN					VZB		
	FNI				FNT			RFNI		CFNI		
	SAN				AFG			SPA				
	BIC				BIC Tel					BICID		
REMARKS	Optional for customer information – Add IP and Subnet Mask addresses to existing circuit											

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST			Floor		Room	
City	ANYTOWN			State	MA	Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888	Bill Contact Email			
VTA	60	VCVTA		IWBAN			
MTCE	APC	MTCE Tel No	999 999-9999	MTCE Email			
PNUM	FB1234567	PSD		LOB			

Circuit Information							
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG Email		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	MA	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			
CB TEL NO		CBPC					

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ENNIPPA-1GCHG	AA	NY01		View Only

Circuit Details										
NC	KFE-	NCI	02LNF.A02	SECNCI	02CXF.N1G	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS	121.111.114.128		IPAI	4	SUBNET MASK 5.255.132.401
ESP	NYCMNYWE06W		OTC		
SECLOC LSO	212XXX		SECLOC SWC	NYCMNYXXDXX	

Service Options
REMARKS

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EVC POINT TO POINT ASR ORDER MATRIX
TLS ENNI/EVC COMBINATION ASR
ENNI PORT ONLY AND ENNI PACKAGED PORT & ACCESS

The matrix below provides the valid combinations for the EVC pages of the ENNI/EVC Combination ASR in relation to the NC, NCI Codes, along with a Service Description for the Point-to-Point EVC Service Type.
NOTE: RUID 1 will be the ENNI circuit on an ENNI/EVC Combination ASR.

EVC DESCRIPTION	SERVICE CODE MODIFIER	NC CODE	NCI FOR RUID 1 ENNI	NCI FOR RUID 2 UNI
ENNI to ERS Premier UNI – Point to Point EVC 02VLN.UL3 - Untagged 02VLN.VP - Tagged	VLXP	VLP-	02VLN.VP	02VLN.UL3
			02VLN.VP	02VLN.VP
ENNI to ERS Tunnel Access UNI – Point to Point EVC 02VLN.VP = Tagged	VLXP	VLP-	02VLN.VP	02VLN.VP

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EVC ACTIVITY TABLE
TLS ENNI/EVC COMBINATION ASR
ENNI PORT ONLY AND ENNI PACKAGED PORT & ACCESS

The following activity combinations provide the requirements for EVC Activity on an ENNI/EVC Combination ASR. [ASR ACT, UACT, LOSACT, and VACT]

N = New
D = Disconnect
K = Cancel

NOTE: The values populated in the LOS and BDW fields are examples only.

TYPE OF ACTIVITY	ASR ACT	UACT	LOSACT	LOS	BDW	CE-VLAN POPULATED	VACT
Install ENNI/EVC [Example: BASIC 50M] With Preferred EVC VLAN	N	N	N	BASIC	50M	Yes	N
Install ENNI/EVC [Example: BASIC 50M] No preferred EVC VLAN	N	N	N	BASIC	50M	No	BLANK
Disconnect ENNI/EVC	D	D	N/A	N/A	N/A	N/A	BLANK
Cancel ENNI Termination	N	K	N/A	N/A	N/A	N/A	N/A
Cancel a LOS	N	N/A	K	N/A	N/A	N/A	N/A

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EVC POINT-TO-POINT LEVELS OF SERVICE & BANDWIDTH COMBINATIONS TABLE
TLS ENNI/EVC COMBINATION ASR
ENNI PORT ONLY AND ENNI PACKAGED PORT & ACCESS

For each Point-to-Point EVC associated to an ENNI Port circuit, the customer is required to provide a level of service and specific bandwidth for the EVC.
Below are the valid combinations for this service type.

TLS ENNI CIRCUIT TYPE	LEVEL OF SERVICE	BANDWIDTH
ENNI Port Only with IAOJ ENNI Packaged Port & Access	BASIC	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M, 900M, 1000M
ENNI Port Only with IAOJ ENNI Packaged Port & Access	PRIORITY DATA	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M
ENNI Port Only with IAOJ ENNI Packaged Port & Access	REAL TIME	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M