



**FRONTIER**

# **Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI      ACT C, D, R & M Stand Alone EVC ACT C, D & R**

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Frontier Wholesale  
Rochester, NY

Jurisdiction: All  
Effective Date: 08/19/2019  
Revised Date: 8/10/2022



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

### Purpose

This document is intended as an aid to Frontier Customers for the purpose of ordering upgrade and changes to the UNI or EVC Circuits. Ordering process will allow the Wholesale Customer to create Activity of C, D, R & M orders for a UNI Circuit and EVC Circuit.

New EIA Services must be ordered on a COMBO ASR.

ACT C orders will be done on Stand Alone UNI and Stand Alone EVC orders only.

Please refer to the Job Aid Ethernet Internet Access (EIA) COMBO Ordering Process ASR Activity N & D.

### VFO TYPES

- UNI: Enduser Switched Ethernet
- EVC: Standalone EVC



**Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI  
ACT C, D, R & M Stand Alone EVC ACT C, D & R**

**EIA Stand Alone UNI REQ TYP ED – ACT C, D, R & M**

UNI		ASR Activity
ASR Form Administrative		ASR Activity
ICSC	Frontier ICSC Code	C – Required D – Required R – Required M – Required
DDD	ACT = C, D, M = 6 Business Day Interval ACT = R = 2 Business Day Interval	C – Required D – Required R - Required M- Required
REQ TYP	ED	C – Required D – Required R - Required M - Required
ACT	C, D, R & M	C – Required D – Required R - Required M- Required
QSA	01	C – Required D – Optional R - Required M- Required
SEI	Y, this will default when the VFO Service type of 'Enduser Switched Ethernet' is chosen on New Order Creation drop down menu	C – Required D – Required R - Required M- Required
RTR	F - Send FOC only S – Prohibited on ACT of D, M and R N- No response required	C – Required D – Prohibited R - Required M- Required
UNIT	C	C – Required D – Prohibited R - Required M- Required
PIU	100	C – Required D – Required R - Required M- Required
CKR	Optional	Optional for All Activity
QTY	01	C – Required D – Required R - Required M- Required
BAN	CABS BAN or 'E' for existing	C – Required D – Required R - Required M- Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

UNI		
ASR Form Administrative		ASR Activity
RPON	If issuing because of a Bandwidth Upgrade then populate the ACT N PON	D – Optional or Required when issuing for a Bandwidth Upgrade
SPEC	ETHACC	C – Required D – Required R - Required M- Required
ASC-EC	Prohibited	C - Prohibited D – Prohibited R – Prohibited M - Prohibited
Remarks	Pertinent details related to Service Request	Optional for All Activity
Billing		ASR Activity
ACNA	Identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	C – Required D – Required R - Required M- Required
VTA	Months must be entered in the VTA field.	C – Required D – Optional R - Required M- Required
VTAI	Term agreement Indicator  A = New Variable Term Agreement  B = Re-term existing Variable Term Agreement with new start date  C = Retain existing Variable Term Agreement with no changes	C – Required D – Optional R - Required M- Required
PNUM	Must begin with EIA, EIB or EIP followed by contract number. Provided by Frontier Account Team	C – Required D – Optional R - Required M- Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

Contact		ASR Activity
INIT	Identifies the customer employee who originated the request	C – Required D – Required R - Required M- Required
INITIATOR TEL	Identifies the telephone number of the customer employee who initiated the request	C – Required D – Required R - Required M- Required
INIT EMAIL	Identifies the electronic mail address of the initiator	C – Optional D – Optional R – Optional M - Optional
DSGCON	Identifies the employee of the customer or agent who should be contacted on design/engineering/translation issues and to whom the Design Layout Report may be sent. Required when RTR is F or S	C – Required D – Prohibited R – Required M- Required
DSGCON TEL	Telephone number of the employee of the customer or agent who should be contacted on design/engineering/translation issues and to whom the Design Layout Report may be sent	C – Required D – Prohibited R - Required M- Required
IMPCON	Identifies the customer employee or office responsible for control of installation and completion	C – Required D – Required R - Required M- Required
IMPCON TEL	Identifies the telephone number of the implementation contact	C – Required D – Prohibited R - Required M- Required
<b>SES Form (Switched Ethernet Service)</b>		
<b>SES detail</b>		<b>ASR Activity</b>
NC	<a href="https://wholesale.frontier.com/resources/access-services/ethernet-ordering/ethernet-nc-nci-secnci-job-aids.html">https://wholesale.frontier.com/resources/access-services/ethernet-ordering/ethernet-nc-nci-secnci-job-aids.html</a>	C – Required D – Optional R - Required M- Required
NCI		C – Required D – Optional R - Required M- Required
SECNCI		C – Required D – Optional R - Required M- Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

Service Address Information		ASR Activity
PI	Y	C – Required D – Optional R - Required M- Required
EUNAME	Enduser Customer Name	C – Required D – Optional R - Required M- Required
Address Detail		ASR Activity
SAPR	Identifies the address prefix	C – Optional D – Optional R - Optional M- Optional
SANO	Identifies the address number	C – Required D – Optional R - Required M- Required
SASF	Identifies the address suffix	C – Optional D – Optional R - Optional M- Optional
SASD	Identifies the street direction	C – Optional D – Optional R - Optional M- Optional
SASN	Identifies the street name	C – Optional D – Optional R - Optional M- Optional
SATH	Identifies the thoroughfare of the street name	C – Optional D – Optional R - Optional M- Optional
SASS	Identifies the street directional suffix	C – Optional D – Optional R - Optional M- Optional
LD1, 2, 3	Identifies additional information related to the service address. (e.g., building, floor, room)	C – Optional D – Optional R - Optional M- Optional
LD1, 2, 3	Identifies the value associated with the Location Designator of the service address.	C – Optional D – Optional R - Optional M- Optional
CITY	Identifies the name of the city, town, etc. of the service address.	C – Optional D – Optional R - Optional M- Optional



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

Address Detail		ASR Activity
STATE	Identifies the State of the service address.	C – Optional D – Optional R - Optional M- Optional
ZIP	Identifies the ZIP code of the service address	C – Optional D – Optional R - Optional M- Optional
JS	Entry is D. Indicates the access service is to terminate at a new or existing registered jack or demarc. D is the only valid entry for SES/TLS UNI services	C – Required D – Optional R - Prohibited M- Required
LCON	Identifies the local contact name	C – Required D – Optional R - Optional M- Required
ACTEL	Identifies the telephone number to be used for arranging access for installation	C – Required D – Optional R - Optional M- Required
LCON EMAIL	Identifies the email address of the Location Contact	C – Required D – Optional R - Optional M- Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

### EIA Stand Alone EVC REQ TYP SD – ACT C, D & R

**NOTE:** Each time an EIA Service is requested ALL of the Steps must be followed in order to provision the EIA service correctly.

ASR Form		
Administrative		ASR Activity
ICSC	Frontier ICSC Code	All ASR Activity
DDD	DDD should carry the same Due Date of the UNI and carry a minimum of 6 Business Days.	All ASR Activity
REQ TYP	SD	C – Required D – Required R – Required
ACT	C, D & R	C – Required D – Required R – Required
RTR	F - Send FOC only S – Prohibited N - No response required	C – Required D – Required R – Required
EVC I	A, this will default when the VFO Service type of 'Standalone EVC' is chosen on New Order Creation drop down menu in VFO	C – Required D – Required R – Required
UNIT	C	C – Required D – Required R – Required
PIU	100	C – Required D – Required R – Required
QTY	01	C – Required D – Required R – Required
BAN	E or if known CABS billing account number	C – Required D – Required R – Required
RPON	If issuing because of a Bandwidth Upgrade then populate the ACT N PON	D – Optional or Required when issuing for a Bandwidth Upgrade
ASC-EC	Prohibited	C – Prohibited D – Prohibited R – Prohibited
Remarks	Pertinent details related to Service Request	C – Optional D – Optional R – Optional





## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

Billing		ASR Activity
ACNA	Customers Billing ACNA	C – Required D – Required R – Required
FUSF	Federal Universal Service Fee (FUSF). 1 alpha character Valid Values: E = Exempt Federal Universal Service Fee, N = Non-Exempt (Assessed) Federal Universal Service Fee	C – Optional D – Optional R – Optional
VTA	Variable Term Agreement Based on Contract	C – Required D – Optional R – Required
VTAI	Variable Term Agreement Indicator  A = New Variable Term Agreement  B = Re-term existing Variable Term Agreement with new start date  C = Retain existing Variable Term Agreement with no changes	C – Required D – Optional R – Required
PNUM	Must begin with 'EIA, EIB or EIP, followed by contract number. Provided by Frontier Account Team	C – Required D – Required R – Required
Contact		ASR Activity
INIT	Identifies the customer employee who originated the request	C – Required D – Required R - Required
INITIATOR TEL	Identifies the telephone number of the customer employee who initiated the request	C – Required D – Required R - Required
INIT EMAIL	Identifies the electronic mail address of the initiator	C – Optional D – Optional R – Optional
DSGCON	Identifies the employee of the customer or agent who should be contacted on design/engineering/translation issues and to whom the Design Layout Report may be sent. Required when RTR is F or S	C – Required D – Prohibited R – Required
DSGCON TEL	Telephone number of the employee of the customer or agent who should be contacted on design/engineering/translation issues and to whom the Design Layout Report may be sent	C – Required D – Prohibited R - Required
IMPCON	Identifies the customer employee or office responsible for control of installation and completion	C – Required D – Required R - Required
IMPCON TEL	Identifies the telephone number of the implementation contact	C – Required D – Prohibited R - Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

EVC FORM ETHERNET VIRTUAL CONNECTION		ASR Activity
EVCNUM	Example: 0001	All Activity Required
NC	VLP-	C – Required D – Required R - Required
EVCID		C – Required D – Required R - Required
NUT	02	C – Required D – Optional R – Required
EVCKKR	Optional with customer’s internal circuits	C – Optional D – Optional R – Optional
EVC UNI Mapping (UNI)		ASR Activity
UREF	01	C – Required D – Optional R - Required
UACT	C, D, R Required when the associated UREF field is populated, otherwise prohibited	C – Required D – Optional R - Required
NCI	02VLN.UNT	C – Required D – Optional R - Required
EVCSP	ESP ‘Ethernet Switch CLLI, provided on FOC in the ESP field of UNI PON	C – Required D – Optional R - Required
RUID 01	Provided on FOC in the ECCKT field of UNI/EVC Combo PON  Example: 45/KRGN/123456//FTNC/	C – Required D – Optional R - Required
ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL		ASR Activity
LREF	Required when the associated UACT field is “C” or “R”	C – Required D – Prohibited R - Required
LOSACT	Required when the associated LREF field is populated, otherwise prohibited	C – Required D – Prohibited R - Required
LOS	Basic	C – Required D – Prohibited R - Required
BDW	Required when the associated LOSACT field is “C” or “R”	C – Required D – Prohibited R - Required
TOS	000000 = WAN LAN 111111 = FLAT LAN <span style="color: red;">Required field to determine provisioning of EVC as WAN/LAN or FLAT LAN</span>	C – Required D – Prohibited R - Required



## Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

EVC UNI Mapping (Frontier provided NNI/CLF)		ASR Activity
UREF	02	C – Required D – Optional R - Required
UACT	C, D, R Required when the associated UREF field is populated, otherwise prohibited	C – Required D – Optional R - Required
NCI	02VLN.V	C – Required D – Optional R - Required
EVCSP	Ethernet Switch CLLI Provided by Frontier	C – Required D – Optional R - Required
RUID	NNI/CLF provided by Frontier (also populate in remarks, this field does not have enough bytes to contain the entire facility circuit. Example: JP101/GE10/NWHNCT0322W/WLFRCTBG0BW	C – Required D – Optional R - Required
EVC Level of Service Mapping Detail		ASR Activity
LREF	1	C – Required D – Prohibited R - Required
LOSACT	N	C – Required D – Prohibited R - Required
LOS	Basic	C – Required D – Prohibited R - Required
BDW	Speed of UNI Circuit. Example '20m' (same as UREF 1)	C – Required D – Prohibited R - Required
TOS	Prohibited. Do not populate	C – Prohibited D – Prohibited R - Prohibited



# Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

## Adding an Additional UREF and or LREF Sections to the ASR Form

1. VFO will automatically add the UREF 01 Section. Complete the required fields for the section.
2. To Add the 2<sup>nd</sup> UREF, select the Add button.
3. Performing a Copy will duplicate this section to UREF 02. Be sure to change the data the applies to UREF 02.
4. Using the Remove Section will remove the UREF section entirely.

Additional VFO training can be found at the following link:

<https://wholesale.frontier.com/resources/systems-and-online-tools/virtual-front-office.html>

### Systems and Online Tools

- VFO Training

The screenshot shows the ASR form interface. At the top, there are four tabs: ASR, EVC, MULTI-EC, and GEN. INFO. The EVC tab is selected. Below the tabs, there is a section titled "ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [Optional | Conditional]". In the top right corner of this section, there is a button labeled "Add: Copy: 1 Section(s) Remove Section". The main form area contains several fields for UREF 01, including EI, AUNT, UACT, RPON, NCI, EVCS, BUM\_FD, RUID, RL, EVCMPI, OTC, ASN, VPN\_ACT, VPN\_ID, and VPN\_NM. The UREF 01 section is highlighted in yellow.



# Ethernet Internet Access (EIA) Ordering Process Stand Alone UNI ACT C, D, R & M Stand Alone EVC ACT C, D & R

## Change Log

Date	Page Number	Change
08/19/2019		Original document
4/1/2021		Re-write for EOL
5/19/2021	6, 13	Update embedded URLs
6/7/2021	5, 9	Added RPON field
8/19/2021	4, 9	Updated RTR valid entries
8/10/2022	10	Updated RUID 01 entry

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