# Service Level Agreement Dedicated Internet Access

SERVICE LEVEL AGREEMENTS ("SLA"). This SLA sets forth the performance metrics applicable to ICX's Dedicated Internet Service as well as the terms and conditions governing the availability of Service Credits to Customer. The monthly measured SLA metrics are effective as of the first day of the second month after initial installation of a Service.

## COMPONENTS INCLUDED

This SLA provides Customers purchasing ICX's Dedicated Internet Service with certain rights and remedies regarding the performance of the ICX Network and underlying network components. (i.e., POP's, routers, backbone) The ICX Network is defined as the ICX owned and operated Data (IP) routing infrastructure consisting of Network-to-Network interfaces and ICX points of presence (POPS) as well as the connections utilized between them. Local access and connection facilities (i.e., the local loop or tail circuits) ("Local Access") used to access the ICX Network or vendor networks and any Customer equipment are not included as components of the ICX Network for purposes of this SLA with the following exception: when Local Access is provided by ICX, the "Network Availability SLA" set forth below will apply to the Local Access and Customer's remedies will include Service Credits based on the availability of the Local Access. Under no circumstances will the SLA apply to any Local Access furnished or ordered directly by Customer from a third party or any equipment provided by the Customer.

## SLA 1 - NETWORK PORT AVAILABILITY

Network Port Availability measures "Network Downtime" versus "Network Uptime." Affected Service" refers to the DIA port that fails to meet the applicable SLA. Network Downtime is based on periods when a Customer's DIA port is unable to transmit and receive data, and Network Uptime includes all other periods. Network Downtime must be reported by the Customer and is measured from the time of the Customer notification of the unavailable service to the time that it is confirmed that the Affected Service is able to transmit and receive data according to ICX SLA standard. "

## SLA 2 - LATENCY

The average network delay ("Latency") will be measured via roundtrip pings on an ongoing basis to determine an average monthly performance level for Latency at the relevant POPs.

Latency =  $\Sigma$  (Roundtrip Delay for relevant POP-POP trunks)/(Total Number of relevant POP-POP trunks)

## SLA 3 - PACKET DELIVERY

Packet Delivery will be measured on an ongoing basis to determine an average monthly performance level for packets delivered between the relevant Intra U.S. POPs

## SLA 4 – SPEED COMMIT

ICX's goal is 100% of the transmission rate or Service Information Rate ("SIR"), expressed in bits per second, applicable to the Services order by the Customer. The Service will be capable of transmitting and receiving network traffic (IP packets including data and packet overhead) within a 10% maximum variance of the minimum service commitment rate. The SIR does not apply to performance outside of the ICX Network (e.g., web-based speed testing tools).

## SLA 5 – JITTER

Jitter measures the interpacket delay variance and packet loss in the ICX Network and is measured on an ongoing basis of generating synthetic user datagram protocol (UDP) traffic.

Network Downtime = Remedy (Credit applied to MRC of Affected Service)*					
Access Technology	Network Availability	Latency (Regional)	Packet Delivery	Speed Commit	Jitter
Fiber	99.99%	10ms	99.9%	100%	1ms
Fixed Wireless	99.99%	10ms	99.9%	100%	2ms
Cable, 4G/5G	Best Effort Only				

\* Each cumulative hour that the Service performance goal is not attained qualifies Customer for credit equal to one day [1/30 x Customer Recurring Monthly Charges for applicable service(s)].

<sup>&</sup>lt;sup>1</sup>The term "ms" means milliseconds.



INSTALLATION GOAL. For Service in the continental U.S., ICX's goal is to install Local Access within the following timeframes: fixed wireless facilities = 30 calendar days, fiber facilities = 60 calendar days.

## **REMEDIES**

<u>General</u>. The provisions of this SLA set forth Customer's sole and exclusive remedy for Service interruptions or Service deficiencies. Subject to the following terms and conditions, Customer will be eligible to receive a Service Credit for any such interruptions or deficiencies. Customer must report the service outage to <u>support@icx-networks.com</u> and request a Service Credit within five (5) days from: (i) the date the outage occurred or (Iii) the date the goals for latency, packet delivery, or jitter were not met. Customer should direct the request to the ICX Billing Department at <u>billing@icx-networks.com</u>. The maximum Service Credits issued in any one calendar month shall not exceed: (a) with respect to Network Availability, seven days' charges pro-rated from the MRC of the Affected Service; or (b) with respect to latency, packet delivery or jitter, fifty percent (50%) of the MRC of the Affected Service. Under no circumstances will the aggregate Service Credit(s) issued in a single month exceed the equivalent of fifty percent (50%) of the MRCs for the Affected Service.

Exceptions. Customer will not be entitled to Service Credits when the failure to meet the SLA was the result of any of the following: (a) the acts or omissions of Customer, its employees, contractors or agents, or End Users; (b) the failure or malfunction of equipment, applications or systems not owned or controlled by ICX; (c) Force Majeure Events; or (d) scheduled service maintenance, alteration, or implementation.

#### MAINTENANCE

Normal Maintenance. ICX will perform Normal Maintenance (or nonemergency maintenance) on the ICX Network during the maintenance hours (windows) set forth below. "Normal Maintenance" refers to: (a) upgrades of hardware or software; (b) upgrades to increase capacity; or (c) other pre-scheduled network activity that may degrade the quality of the Service or cause Service interruptions. ICX will use commercially reasonable efforts to perform all Normal Maintenance between the hours of 12:00 midnight and 6:00 AM Local Time. "Local Time" refers to the time of day in the time zone in which an affected Service is located; provided, however, that if affected Services are located in multiple time zones, Local Time shall refer to the U.S. Eastern Time zone.

Emergency Maintenance. "Emergency Maintenance" refers to efforts to correct ICX Network conditions, requiring immediate attention. The performance of Emergency Maintenance may degrade the quality of Services and may result in total disruption of Service. ICX may undertake Emergency Maintenance at any time that it deems necessary in its sole discretion. ICX shall provide Customer notice of Emergency Maintenance as soon as is reasonably practicable under the circumstances.

#### <u>MTTR</u>

MTTR- Mean Time to Repair. ICX's MTTR objective is (i) 4 hours for fiber optic and fixed wireless Services; (ii) No MTTR for cable and 4G/5G as it is best effort only.

#### BROADBAND DISCLAIMER

Broadband services are asymmetric upstream/downstream Internet services where the upstream and downstream speeds are estimates (i.e., "up to" the specified speed) and the service is provided on a "best efforts basis" and cannot be guaranteed. When an ICX Service contains a Broadband component, the SLA set forth above does not apply.