

Software Release 2.2.0.0

Defects Fixed:

ICDT-470: The dashboard doesn't show data when first brought up

Speedup of the GUI has fixed this.

ICDT-472: 2 POTS Lines unable to make/keep calls at the same time

Fixed echo cancellation to allow two simultaneous POTS calls

ICDT-475: Antenna BIT test doesn't capture BCX Timing Ref Check Flag

On 2 known antennas at startup, the BCX Timing Ref Check Flag was set on BIT and the terminal failed to start. The handling of that bit is done.

ICDT-474: Manufacturing Data Disappears

In one instance, the Serial Number and model number disappeared. This is now checked at startup and software upgrade.

ICDT-410: Management Portal too slow with Multiple Users

When more than one Management Portal is displayed with any browser type on one or more devices connected to the terminal, each instance of the portal became very slow. That has been sped up with no issues seen with 3-portals up at a time.

ICDT-468: Add IMEI and SIM to logs at startup

The IMEI and SIM are now in the logs for better debugging

ICDT-386: Add HTTPS capabilities to the management portal

A local certificate was added to the terminal and HTTPS is now supported. There is the potential for warning messages when first using HTTPS after startup on some browsers.

ICDT-467: Phone on a VoIP line with a Secondary Data Flow (SDF) turned on rings but will not connect

When a phone is on a port when that port is added to an SDF, the phone will show as registered until the DHCP address expires. The phone will not receive or make calls after switched to the SDF.

ICDT-493 Port Forwards for SDFs not applying internal port when internal and external ports are different

Internal and external ports can be different on SDF port forwarding.

Feature Additions:

IC-1857: Downgrade protections

Protection for memory upgrade and BCX memory upgrade problems by loading old software onto new memory.

IC-1833: Be FirstNet compliant in the API

FirstNet requires HTTPS on all interfaces to the terminal. TSC has been added to the API, both on the local LAN and across the satellite, and to the Management Portal.

IC-1836: IP address and SDF information on the GUI

The Private IP address and information about the gateways specified in the SDF service are displayed on the Management Portal

IC-1387 Allow only SDFs that are provisioned to be assigned to ports or services

When provisioning ports or services with SDFs, only SDFs that are provisioned on the SIM will be selectable on the GUI. The API does not have this restriction.

IC-1860 Simplify local certificate use with HTTPS usage

A window popup guides the user to manually accept the HTTPS certificate on browsers that don't automatically do it for them. Since the certificate is local, it is not automatically accepted.

IC-1848: DHCP assignment on SDF

Each SDF can be configured to receive a DHCP assigned dynamic address or continue to manually assign the address.

IC-1795: Tighten internal terminal communications

All processor communications are kept within the terminal.

IC-1404: Add WAN DHCP info to GUI/API

The Dynamically assigned IP address and gateway for the WAN connection are now shown on the GUI.

IC-1844 Un-provisioned SDFs should be noted in the GUI

An error message is displayed on Settings->Secondary Data Flow when a port is assigned to an SDF that is not provisioned on the SIM card.

IC-1853: Increase SW Temperature shutoff to +85C up from +80C.

The terminal resets when the highest internal temperature reaches 85C

Open Issues:

ICDT-492: Static Addressing on the WAN sends data out on the desired address and the address plus 1

The static addressing works but two data streams are presented on the WAN interface

ICDT-469: SureLINK supports only static addressing

SureLINK will not operate unless DHCP is turned on in the terminal.

ICDT-487: WAN addressing can conflict with Secondary Data Flow (SDF), causing routing issues

If the network provisioned for the secondary is in the same range as the WAN network, the WAN will not be used and all data will go across the SDF.

ICDT-479: Unexpected reboots required to get system back online and functional

After a factory reset, the system needed two reboots before it became fully functional. This is on the watch list

ICDT-471: PBX registration failure during upgrade testing

When doing rapid and continuous firmware upgrade/downgrade testing, the POTS phone would no longer register to the PBX. The scenario that produced this issue will likely never be done in the field.

To recover the system, do a factory reset and unmap the POTS phones. Reboot, remap the POTS phones and call the POTS phones from a VoIP handset.

ICDT-429: Restoring configuration fails when the WAN static IP configuration conflicts with the current LAN IP configuration.

The restore fails if the WAN static IP address that is in the range of the LAN IP reserved values

ICDT-428: Forwarding rules may cause configuration restore to fail

If the port forwarding rules are applied to a LAN IP address that is no longer compatible to the forwarding rules, the configuration restore will fail for port forwarding.

ICDT-431: Can't enable DHCP reservation that is in use

A DHCP reservation cannot be enabled for an IP address that is in use (in the list of current devices). Other changes to the reservation (Name, Duration, and MAC) save successfully whether or not the IP address is in use, but not Enable.