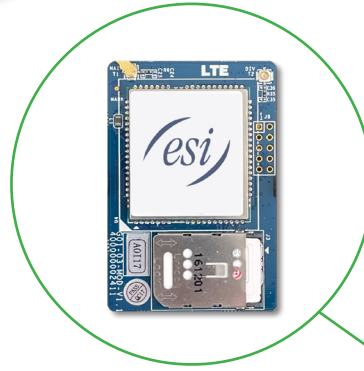# Cellular Data Failover Service (CDFS)
4G LTE Module for eSIP Evolution Series™

ESI's **Cellular Data Failover Service (CDFS)** allows organizations to maintain calling capabilities if Internet connectivity to the system is lost. This add-on module for eSIP Evolution Series™ solutions improves business continuity and disaster recovery by providing continued voice services during an outage.

Emergency SIP Trunk Registration
If there is a loss of Internet connectivity, CDFS will move SIP Trunk registrations, eMobile™ calls, and ESI RAMP™ connections to an LTE Network. This provides businesses with short-term calling capabilities until the Internet connection with the eSIP Evolution Series™ server is re-established.

LTE Data Usage
CDFS uses up to 100MB of data per month when active, which is approximately 20 simultaneous phone calls for up to an hour. ESI eMobile™ calls count as two calls (incoming/outgoing), allowing for approximately 10 calls for thirty minutes.

Supported Carriers and Networks
CDFS requires a SIM card that supports 4G LTE data. T-Mobile® SIM cards are available for purchase from ESI.

Key Features & Benefits:

- Add-on module for eSIP Evolution Series™ (Titan Series™ does *not* support CFDS)
- Failover routes connections to LTE network
- Uses up to 100MB of data per month
- Supports ~20 simultaneous phone calls (or ~10 eMobile™ calls) for 30 minutes
- Provides short-term calling until connectivity returns
- LTE failover for Registered SIP Trunks, eMobile™ calls, and ESI RAMP™ connections
- Requires SIM card that supports LTE data plans
- Signal boosters are not required, but may be necessary with some deployments (not sold by ESI)
- Only one LTE card may be installed per system
- Calls to/from remote phones are not supported over CDFS

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