

A State-of-the-Art Connectivity Solution Paving the Path to Private LTE

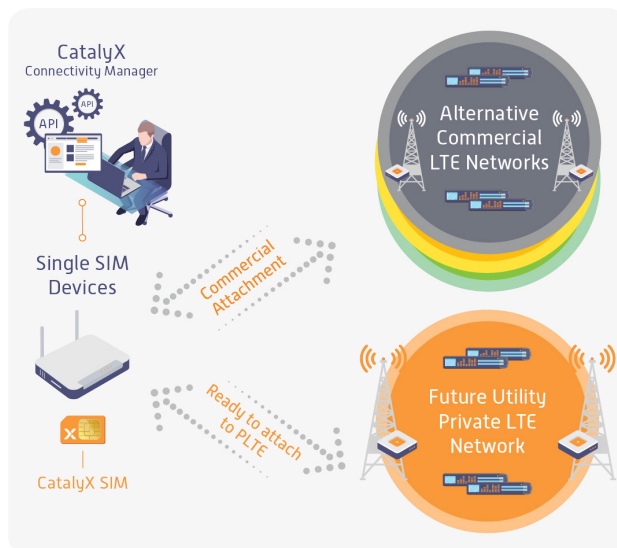
As you move towards implementing a 900 MHz Private LTE (PLTE) network, you can ensure devices being deployed now will seamlessly transition to your PLTE system when ready, without another costly truck roll.

Innovative utilities are pursuing their own Private LTE (PLTE) networks for a variety of reasons—the greatest drivers being security, resiliency and control. Anterix's 900 MHz spectrum provides an ideal foundation on which to build these private networks.

As your utility starts the journey to PLTE, you will initially continue using commercial services to meet your wireless broadband needs, and Anterix Catalyx provides a seamless transition to your 900 MHz PLTE network. Catalyx can allow your utility to leverage current investment in devices by:

- Avoiding truck rolls
- Extending equipment lifespan
- Enabling zero touch transition of devices from the commercial to private network

Anterix Catalyx is a comprehensive solution, enabling an efficient and cost-effective methodology to transition from commercial broadband to Private LTE without touching devices already deployed. Ultimately, Catalyx is designed to assist utilities in eliminating costs and complexity associated with transitioning devices previously deployed in commercial network to the utility PLTE network.



Broadband Coverage

Catalyx provides access to both national and regional commercial broadband networks while your own PLTE network is being built out. Multiple options are provided for each endpoint across your service area for the best available connectivity. When the PLTE network is operational and all devices have been transitioned onto it, Anterix Catalyx can continue providing access to commercial LTE networks as a backup option, delivering redundancy for essential communications.

Catalyx At-a-Glance

Broadband Coverage

- Multiple Commercial LTE RAN access
- Optimized service area coverage
- Flexible data plan options

Connectivity Manager (CM)

- Device connectivity monitoring
- Web-based portal with dashboard and reporting
- APIs for bulk transactions

eSIM Solution

- State-of-the-art eUICC technology to enable over the air (OTA) provisioning of SIMs
- SIM ordering and Inventory
- Complete SIM solution for your PLTE

Professional Services

- Team of PLTE experts to help design and execute the right transition plan
- Engineering expertise to assist through a phase-based deployment
- Device validation program to ensure devices will integrate with Catalyx solution

Connectivity Manager (CM)

Through a single platform, you are in full control of the connectivity for your utility's entire fleet of devices—activating, deactivating and re-provisioning devices with over the air (OTA) capability—all through the CatalyX Connectivity Manager portal.

As you build your own PLTE system, remotely reconfigure SIMs on existing devices to seamlessly migrate from a commercial network to the PLTE network—with no physical touch or additional cost for SIM or device replacement. You control SIM attachments to either a commercial network or your utility's PLTE network as it is deployed.

eSIM Solution

Anterix CatalyX provides utilities Embedded Universal Integrated Circuit Card (eUICC)-capable SIMs, so all configuration changes can be made OTA to avoid the costs of additional truck rolls.

The CatalyX platform also anticipates and supports embedded SIM (eSIM) devices, enabling you to control SIM profiles from a remote platform and update devices with new profiles.

Services

Anterix assists through every step of your PLTE journey with an experienced team of engineers to partner with your team to design a customized roadmap for transitioning to a new 900 MHz PLTE network. With a long record of managing wireless networks, Anterix experts work with you to integrate the CatalyX Solution into your infrastructure.

As a part of CatalyX, Anterix will help you secure a strong ecosystem of devices that are certified from the onset to operate on both commercial networks and 900 MHz PLTE networks. Additionally, Anterix can work with your team to configure and optimize needed profile types across devices.



Key Features

- Private core management with Commercial LTE access
- Flexible connectivity options per location
- Defined plan to guide PLTE migration
- Professional assistance with PLTE network transition
- Optional backup/redundancy with commercial carrier connectivity
- Flexible data pricing plans
- Carrier-grade security
- APIs for bulk changes
- User-specific permissions

Benefits for Utilities

- Broadband connectivity during PLTE network buildout
- Reduces the complexity and cost of transitioning to a 900 MHz PLTE network
- Helps to futureproof UE investments—devices deployed today will also work on future PLTE network
- Redundancy and resiliency after the utility's PLTE network has been commissioned
- Flexibility to either stay on hosted private core or evolve to fully owned and operated PLTE network
- Usage aggregation across all devices independent of location or commercial carriers

A Cost-effective Path to PLTE Network Deployment

CatalyX provides a complete set of tools for your utility to transition from commercial broadband to private broadband with a seamless connectivity experience as you work towards building and utilizing your own PLTE network. Anterix CatalyX solves for today's broadband needs and helps to ease the way forward by helping your utility ensure devices being deployed now can also work seamlessly on the 900 MHz PLTE system when it is deployed.

Anterix CatalyX creates a path that utilities can take with confidence toward a more secure, reliable and resilient grid powered by a 900 MHz PLTE network.

Anterix Inc.

At Anterix, we are focused on delivering transformative broadband that enables the modernization of critical infrastructure for the energy, transportation, logistics and other sectors of our economy. As the largest holder of licensed spectrum in the 900 MHz band, with nationwide coverage throughout the contiguous United States, Hawaii, Alaska, and Puerto Rico, we are uniquely positioned to enable the private LTE broadband solutions that support secure, resilient and customer-controlled operations.

You can read more about private wireless broadband solutions for the modern grid at anterix.com/resources/

