

# Cyrus

## The Enterprise Base Station

### Shifting the Paradigm

Cyrus is the first enterprise-based virtual base station solution providing end to end connectivity for any active DAS network. Utilizing off-the-shelf servers and a virtualization platform, Cyrus delivers high efficiency, scalability and capacity, and allows the enterprise greater monitoring control and access to cellular network data.

The traditional model requires carriers to provide multiple base stations to serve enterprise DAS, a lengthy and cumbersome process, where the enterprise competes for carrier priority, budget and resources, and is fully dependent upon carriers to monitor and manage the signal source. Cyrus streamlines this antiquated process and deployment, while providing enterprise users the opportunity to utilize Cyrus for future wireless needs, further maximizing the DAS asset. Cyrus takes cellular from a facility headache, to an integrated and flexible Information Technology platform.

**Designed by IT for IT, Cyrus** performs the functions of a traditional 4G LTE base station using software in a standard IT architecture. Starting with just 2Us of rack space, Cyrus can deliver 6 programmable LTE channels with a capacity of 600+ users per channel. Need to add or manage capacity or carrier service? Simply add additional servers, as needed, and program the required channels.

The system configuration uses Cyrus Connect which can support up to 3 servers. A fully maximized configuration can deliver 18 channels in just 4U of rack space. This means that 4 carriers running four channels each can provide service to two DAS cell sectors, leaving two channels available for future enterprise use.

### Designed for IT and Enterprise

- Includes intuitive management tool (Rainbow), integrates with any IT management tool
- Allows Enterprises the ability for end to end monitoring and management
- Provides network analytics allowing enterprise to better plan network/facility resources

### Shortens deployment time

- No need to wait for the carrier to allocate budget, and deploy the base station
- Easily integrates and connects to any type of backhaul connection
- System ordered through an Enterprise distributor with hardware manufacturer support

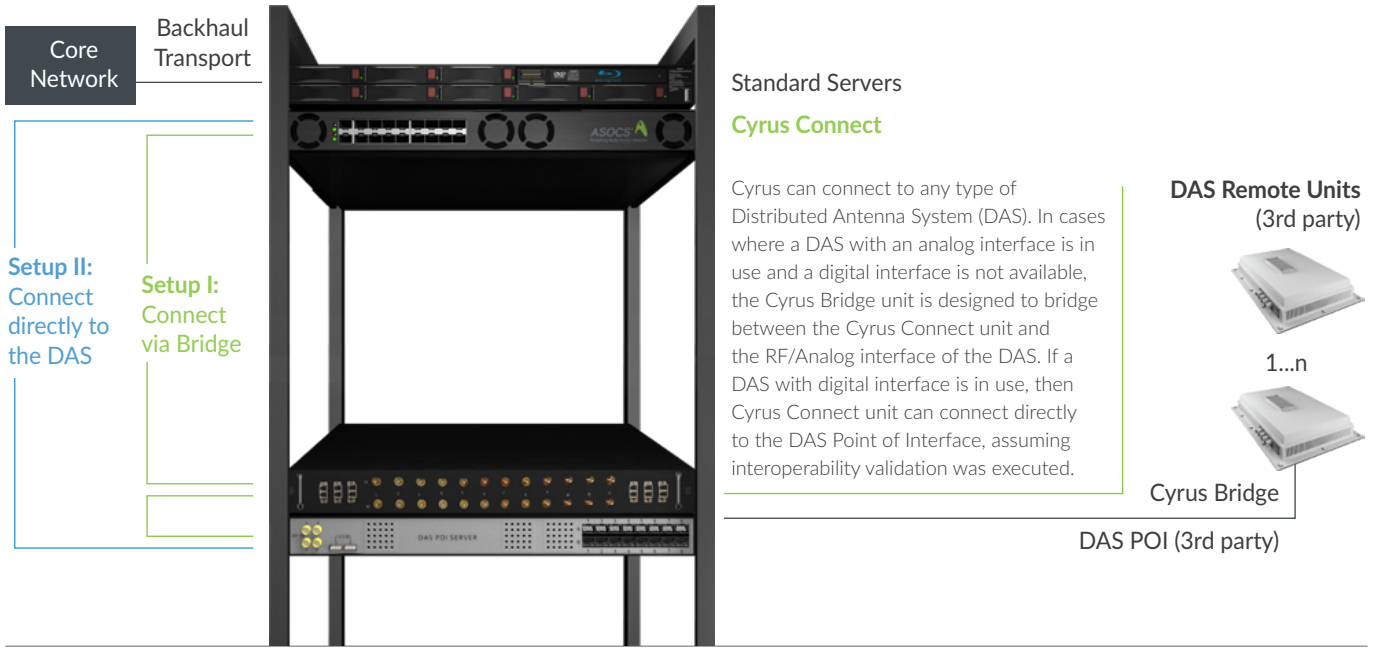
### Flexible pricing model

- Enterprises pay only for what they use
- Add capacity as needed by activating more licenses
- CAPEX and/or OPEX payment model

### Enables maximum flexibility

- Supports any or all carriers
- Supports 4G LTE, and is 5G-ready

## Diagram (a): Cyrus System



## Supported Configurations

Concurrent User Support per Sector 600+  
Channel BW (MHz) 5/10/15/20

MIMO 2x2  
Sectors / 1U IT Server 6  
Sectors / 1U MPU Server 6/18

### Basic 1Gbps System



Up to 6 sectors

### Pay as you Grow 1Gbps System Upgradable upgradeable up to 3Gbps



Up to 18 sectors

### Large 6Gbps System



Up to 36 sectors

## About ASOCS

ASOCS empowers mobile digital transformation in the enterprise. The company's on-premise edge cloud solutions enable unlimited mobile network capacity and secure connectivity while collecting and analyzing mobile device and IoT data, allowing enterprises to deliver and monetize new services and applications. Privately-held ASOCS serves retail, real estate, corporate offices, hospitality, hospitals and sports and entertainment markets, and has offices in Israel and the United States.

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