LMR REPEATER
CASCADE

CODAN CASCADE
LMR BASE STATION/REPEATER PLATFORM

The Codan Cascade is our new software-defined Base Station/Repeater platform that has been engineered from the ground up with a focus on IP-networked radio solutions. This all-inclusive package features two variable-power 100W P25 repeaters mounted inside a 4RU subrack complete with network interface and power supply.

Key Features:

- Networked product ideal for conventional Voting and Simulcast applications. Designs for Linear Simulcast Modulation (LSM) for improving performance in Simulcast environments

- Hardware ready for future support of P25 Phase I and Phase II trunked radio

- Rack space efficient: 2x 100W only occupies 4RU

- Supports P25 Digital, analog narrowband and mixed operating modes

- Built-in IP-based remote configuration and remote site monitoring

- Built-in logging and alarming, with user-definable automated failure mitigation behaviors

- Built-in testing and calibration functionality

- Supports open standard P25 CAI and IP Protocols

- Meets or exceeds industry standard regulatory guidelines for performance in a Public Safety LMR system

Hardware Performance

The Codan Cascade is engineered to deliver the same exceptional performance that has become synonymous with the Codan LMR name.

Software Innovation

The software at the heart of the Codan Cascade has been developed by analyzing and addressing the fundamental challenges faced by today's Public Safety communications customers.
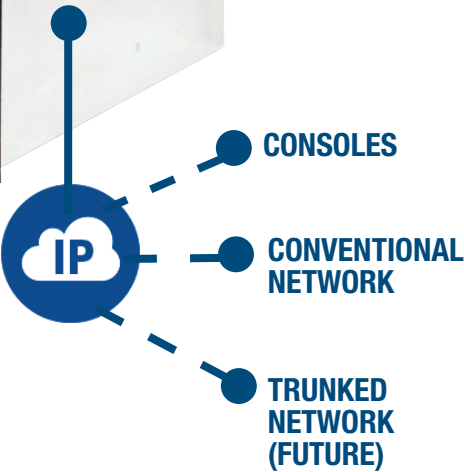
P25 Compliant

Codan's commitment to open standards and vendor neutrality Is maintained with full support of P25 CAI and IP Protocols, allowing for interoperability with other Codan and Third Party equipment.
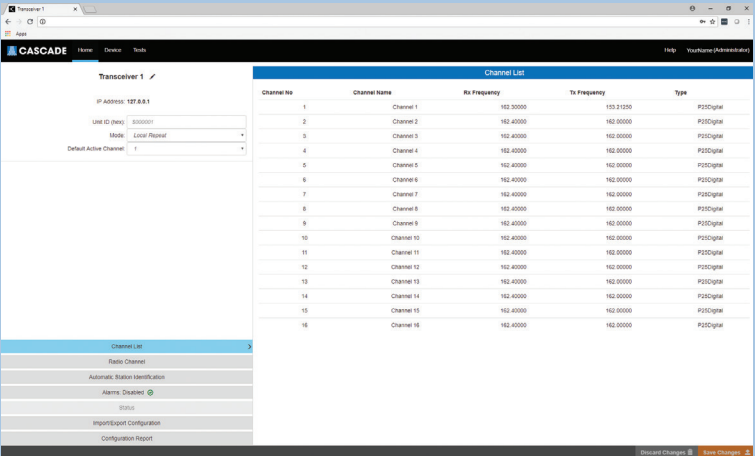
Support and Services

The Codan Cascade is supported by our comprehensive professional services and support programs.

CONSOLES

CONVENTIONAL NETWORK

TRUNKED NETWORK (FUTURE)

Remote Programming and Monitoring

The Cascade provides browser-based monitoring of equipment health and performance. Operators have the ability to remotely make system modifications or take critical action without visiting the site.

OUR PROCESS

Solving challenging requirements is what we do best

ASSESS

Our specialists conduct a detailed assessment of:
- Existing infrastructure
- Operational environment
- Opportunities and challenges
- Stakeholder needs
- Budget and existing investments

DESIGN

Our experts design a custom solution for those challenges, using the right technology from Codan or one of our partners.

DEPLOY

Wherever you are, our engineers get your system up and running quickly.

TRAIN

We train your operators and staff on the technology – to maximize easy-to-use systems and interfaces.

SUPPORT

Whether we're out in the field with you, or in our support center, we're always on hand for any assistance you require.

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