MISSION COMMANDER STRATEGIC

Surveillance Command and Control Software

MCS
Mission Commander Strategic

Mission Commander Strategic (MCS) is an advanced software product developed by DTC. For use in operation in both short term and long term surveillance, mobile covert missions and citywide surveillance infrastructures, MCS offers secure access and control in a complex network.

With DTC's proven track record of innovation and award-winning security behind it, MCS is compatible with several leading Video Management Systems and MCS software allows users to share their networks without any compromise to their security. This will allow multi-operator access to configure specific surveillance tasks and take control of video surveillance devices from any location.

More importantly, MCS takes care of all the encryptions, encodings, and applications within the software, making the complex networking, simple.

MISSION COMMANDER C2 SOFT

Video Surveillance Command and Control software

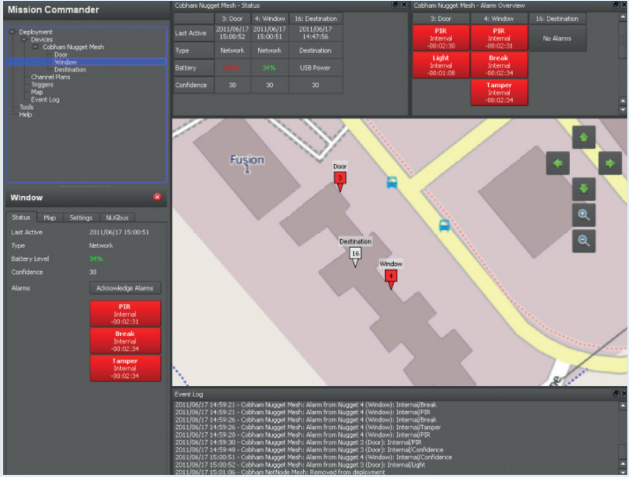### EVERYTHING CAN TALK TO EVERYTHING

Wherever a user is, they can connect to a DTC wireless device or IP encoder over a secure encrypted network. MCS is split into client and server components - the clients run on workstations usually in the control room but also on PCs in other locations on the network.

SAFE AND EFFICIENT

Due to the fully distributed nature of the server components there is no single point of failure. The architecture of the MCS system offers automatic fail-over and protection against network and server hardware-related malfunctions and system redundancy supporting mission-critical operations.

COMPLETE CONTROL

The user has complete control over the assigned asset even when the video feed is shared with other users. For example, control over a PTZ camera will give the user access to that one device; it will not interfere at all with anything else in the network, allowing for reliable management of access and permissions.

COMPLEX MADE SIMPLE

All the complexities that come with application platforms are resolved within the software. For example, users who need videos in specific formats (e.g., H.264) will have the video converted within the software before it gets to their screen.

COFDM TECHNOLOGY

DTC's COFDM transmitters and receivers can be used with MCS software. The IP enabled COFDM Receivers can be shown and managed with the current states of each of the receiving channels indicated graphically.

GRAPHICAL VISUALISATION

MCS displays and manages the geographical deployment of equipment, showing the location, status, and connectivity of all assigned devices. This aids in providing vital information required to make informed real-time decisions.

MISSION COMMANDER STRATEGIC

OUR PROCESS

Solving challenging requirements is what we do best

ASSESS

Our technical consultants will conduct a detailed on-the-ground assessment of:
- Human needs
- Operational environment
- Opportunities and challenges
- Cultural context
- Scenario planning

DESIGN

Our field service team will then design a custom solution for those challenges, using the right hardware and software from Codan or one of our technology partners.

DEPLOY

Our specialist logistics team gets the hardware and the resources to wherever you are, getting your system up and running fast.

TRAIN

We'll train operators and communications staff on how to use the system – which will be a short process, thanks to our easy-to-use interfaces and interoperability.

SUPPORT

We're available to be deployed within 24 hours for any support required. And we're always on hand for any advice you require.

CODAN COMMUNICATIONS | DTC

CODANCOMMS.COM

MCS
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CODAN | DOMO TACTICAL COMMUNICATIONS

MISSION COMMANDER STRATEGIC

Smart and secure routing of video surveillance
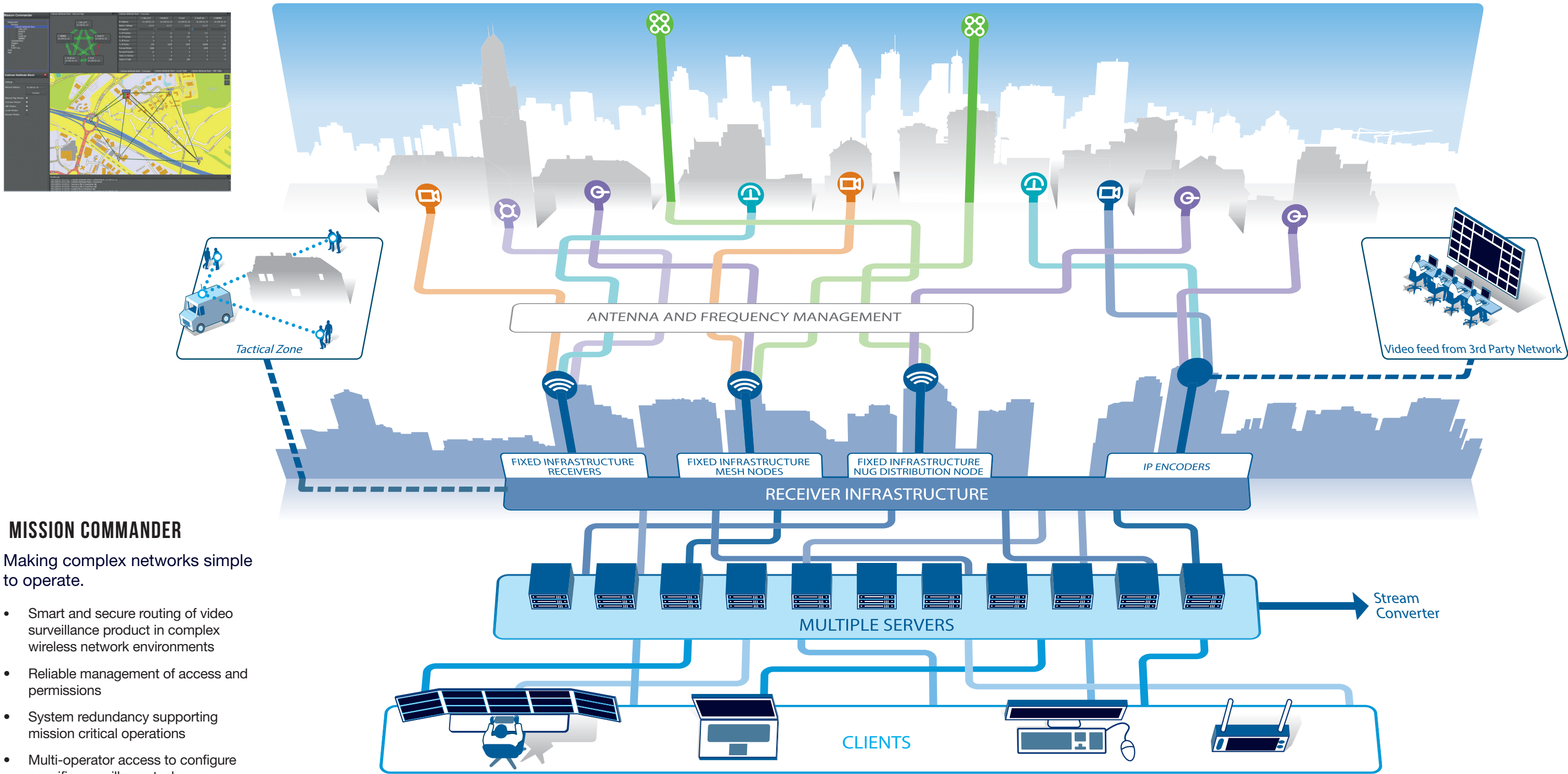in complex wireless network environments

MCS
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TYPICAL NETWORK CONFIGURATION

Tactical Zone

ANTENNA AND FREQUENCY MANAGEMENT

Video feed from 3rd Party Network

FIXED INFRASTRUCTURE RECEIVERS

FIXED INFRASTRUCTURE MESH NODES

FIXED INFRASTRUCTURE NUG DISTRIBUTION NODE

IP ENCODERS

RECEIVER INFRASTRUCTURE

MULTIPLE SERVERS

Stream Converter

CLIENTS

MISSION COMMANDER

Making complex networks simple to operate.

- Smart and secure routing of video surveillance product in complex wireless network environments
- Reliable management of access and permissions
- System redundancy supporting mission critical operations
- Multi-operator access to configure specific surveillance tasks.

SECURE MANAGED ACCESS ACROSS FEDERATED NETWORKS

TACTICAL

STRATEGIC

SECURE AND ENCRYPTED

END TO END NETWORKS