IEC telecom

OPTICONNECT
Digitalisation for low bandwidth environments

Digitalisation empowers remote communities and offers access to new communication technologies in areas with no/limited GSM coverage. Remote field teams are assured of connectivity even in low bandwidth environments and can easily access data services in a user-friendly virtual environment. Not only does this increase operational efficiency, digitalisation also optimises capital investment in hardware and saves the cost and complex logistics involved to send technicians to far-flung sites.

Powered by DigiGone, OptiConnect applications have been especially designed to operate in a low bandwidth environment. This incredible set of solutions is optimised for remote communities, including hands-free and multi-party videoconferencing, live technical assistance, large file exchanges, and advanced surveillance.

OptiConnect enables cost-effective connectivity no matter how remote the region may be.

ONETeam
powered by DigiGone

Optimised application
for videoconferencing

ONEMonitor
powered by DigiGone

Video surveillance software
with advanced remote access

ONEAssist
powered by DigiGone

Remote maintenance delivered over
hands-free handset

ONEHealth
powered by DigiGone

Portable digital telemedicine kit

OneTeam

OneTeam users can simultaneously communicate with real-time voice, text, video, and data transfers to make critical business decisions and stay in touch with their friends and families. With live remote technical support, OneTeam delivers the most comprehensive communications solution for teams no matter where they operate. The app features include:

- Optimised videoconferencing and file exchanges, enabling remote teams to fix a problem/apply an update without the need to send a technician onsite
- Advanced visibility for experts from HQ and vendors to examine the issue first-hand via a real-time video stream
- Bandwidth control functionality

OneMonitor

OneMonitor is a software-controlled CCTV system that operates on managed bandwidth communication solutions and is easily accessible on a laptop, smartphone or tablet. The app's consumption rate ranges from as low as 6Kbps up to 500Kbps.

The app features include:

- Ability to remotely monitor assets in real-time, simultaneously and securely
- AES 256-bit encrypted transmissions
- Enhanced operational efficiency for remote assets, field personnel, and revenue
- Remote access to recorded data to support forensic investigations and incident reviews
- Alarm triggers upon contact or video motion

OneAssist

OneAssist enables virtual assistance to remote units and extends the complete knowledge resources of the organisation to the field in real-time. With a secure voice-controlled headset, field personnel can stay in touch with HQ, share snapshots of ongoing onsite issues, and receive live technical assistance from the shore expert even in low bandwidth and hard to reach environments. Specially designed for remote collaboration, OneAssist is perfect for IoT data visualisation, guided workflow, document navigation, and remote mentor video calling. The app features include:

- Video and audio teleconferences
- IM and file transfers
- Secure communications

OneHealth

OneHealth is the definitive telemedicine care system that brings real-time decision support to the field. Whether medical staff operates onboard a vessel, on an onshore platform, or as part of a humanitarian mission in an area with limited to no GSM coverage, OneHealth provides reliable connectivity for critical communications over a user-friendly dashboard. The app features include:

- AES 256-bit encrypted transmissions
- Multi-party video, voice, text and file transfer
- Secondary private channel video collaboration
- Live medical device data streaming
- Remote control

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