



ROLLOOS

INSIGHT
INFORMATION

ComPro+ Mobile communication



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“The best way to increase your efficiency is through better communication.”



CREATE YOUR MOBILE WORKER

During offshore and hazardous operations, it's a challenge to communicate in a safe and efficient way. This stands in huge contrast to public life, where smartphones increase our safety and efficiency every day.

Our Rolloos ComPro+ Private GSM solution enables you to communicate with Ex-smartphones or tablets anywhere on your rig, above and below deck. We'll create a private GSM network that allows for wireless voice communication, data transfer and localization. This way we'll create your mobile worker, above deck and below.

“Improve your efficiency and safety with ComPro+ private GSM.”



Android Ex smartphones



DAILY OPERATIONAL CHALLENGES

- **Coordinate group operations:** Heavy lifts and drilling operations need open line communication
- **Service & maintenance jobs:** Service engineers need (direct) third-line support, while working at an engine or any other job
- **Site inspection & safety:** You wish to access data anywhere and have knowledge of people's location in case of an alarm
- **Communication in heavy industries:** You want to contact a colleague immediately, without the delay of a PA system

BENEFITS OF PRIVATE GSM

- ✓ **Solid communication:** GSM is the best way to cope with steel structures and is dedicated for voice and data transfer
- ✓ **Faster communication:** Direct 1-on-1 mobile communication in all conditions (loud noise, protective wear, etc.)
- ✓ **Safe operation:** Increased safety by tracking & tracing of workers in case of an emergency
- ✓ **Efficient:** Increased efficiency through implementation of dedicated apps
- ✓ **Secured:** Your private network to be sure that nobody else is using your systems



BENEFIT FROM DEDICATED APPLICATIONS

Your ultimate goal is to increase your efficiency to the max. Therefore you need to utilize your connectivity by implementing dedicated apps. When working offshore, common cloud-based apps are not an option. Local operating native apps will do the job for you. Check below for some of the countless possibilities!



UP-TO-DATE INVENTORY DATA REDUCES STOCKING COST AND UNNECESSARY DELAYS

Mobile apps provide access to your local ERP data.



ACCESS TO SERVICE HISTORY INCREASES FIRST TIME FIX

Having access to all manuals, operating data and service history in a single device.



*“Communication is nice,
connectivity is better.”*



E-WORK PERMITS REDUCE OVERHEAD AND INCREASE OPERATIONAL CONTROL

By digitalizing your paper trails everybody is instantly up-to-date.



CREATE SAFER WORKPLACES WITH SAFETYCHANGER: INSPECTIONS, INCIDENTS, ACTIONS

Log every unsafe situation and directly convert these into actions to improve.

CREATE YOUR MOBILE WORKER WITH COMPRO+

Tracking & Tracing

The use of Bluetooth beacons enable you to localize workers in case of an emergency.

Direct communication

Through integration with your existing PBX you can contact anybody instantly, so no time is lost.

Full coverage on deck and below

Multiple 3G GSM access points are placed to ensure full coverage anywhere on the rig.





4

Implementation of mobile apps

Through data, voice and localization data you are able to fully benefit from dedicated mobile apps.

5

Integration with two-way radio

Integration with your existing two-way radio system allows you to introduce our advanced communication step by step.

6

Connect multiple rigs

The wireless network can be extended to nearby rigs through point-to-point connections



CONNECTIVITY

Communication is nice, connectivity is better. Connectivity enables individual workers and complete organizations to not only communicate with each other through voice, but also have access to data, documents, the Internet/Intranet, location data, alarms, operational (monitoring) data and much more. It basically means you can have full access to all types of data that is important for you to improve your efficiency and ensure a safe operation. Bring voice, data, alarms and location into a single device.

CONNECTIVITY THROUGH INTEGRATION

To be able to create full connectivity, our ComPro+ solution will be integrated with your current infrastructure:

- **PBX:** You can communicate from phone to mobile device, even directly from your onshore office to a rig manager near the driller cabin or at other hard to reach locations
- **LAN:** Access your documents, ERP data, messages, etc. on your mobile device from anywhere
- **Fire & Gas alarms:** Send automated alarm messages to your mobile devices to warn the workers in danger
- **2-way radio:** Talk directly from your 2-way radio to a mobile device and vice versa
- **Point-to-point extension:** Extend your network to other nearby assets (max. 80km)
- **CCTV:** Monitor your CCTV footage with your mobile device, anywhere you need
- And more

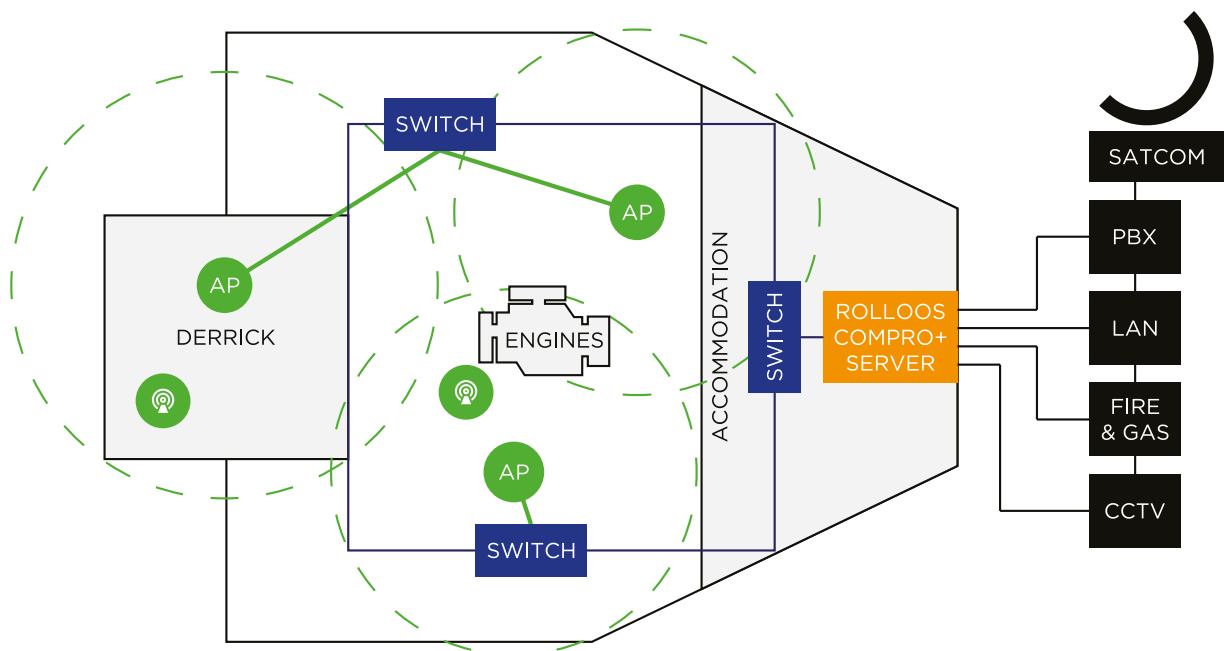




A SINGLE CONNECTIVITY NETWORK

Our ComPro+ Private GSM solution creates almost full coverage in and on your rig. We establish a full GSM onboard network. At several strategic locations local access points (APs) ensure full coverage above and below deck. Integration with your PBX, LAN and Fire & Gas systems ensures that anybody carrying a smartphone or tablet can communicate (voice & data) regardless their location on board.

“Create full coverage with our private GSM network, above deck and below.”



Legend

AP Acces Point

Bluetooth beacons

SWITCH Fiber backbone

ROLLOOS COMPRO+ SERVER Universal gateway server



MOBILE DEVICES

Choose the device you need:

- ✓ A simple four-button voice communication device, or a sophisticated Android tablet
- ✓ All Ex Zone 1, long battery time and Lone Worker Protection
- ✓ Dedicated accessories, like noise reducing headphone or mounting devices

TABLET

ECOM TAB-EX 01

- Zone 1 / DIV 1 (also available in Zone 2)
- Android Tablet
- Lone Worker Protection (LWP)
- Up to 11 hours battery life
- Bluetooth 4.0; WiFi; GPS; NFC
- 3-MP camera rear, with barcode scanning, photoflash and video



Tab-Ex 01



FEATURED PHONE

ECOM EX-HANDY 09

- Zone 1 / DIV 1 (also available in Zone 2)
- Android Smartphone
- Lone Worker Protection (LWP)
- Up to 1.000 hours standby / up to 40 hours talk time
- Bluetooth 4.0; WiFi; GPS; NFC
- 8 MP auto-focus rear; 1 MP front; photoflash and video



Ex-Handy 09

SMARTPHONE

ECOM SMART-EX 01

- Zone 1 / DIV 1 (also available in Zone 2)
- Android Smartphone
- Lone Worker Protection (LWP)
- Up to 1.000 hours standby / up to 40 hours talk time
- Bluetooth 4.0; WiFi; GPS; NFC
- 8 MP auto-focus rear; 1 MP front; photoflash and video



Smart-Ex 01

ACCESOIRES

- Headset with active noise reduction
- NFC chip for smart identification
- Carrying and mounting accessories





ABOUT US

Rolloos contributes to a more efficient and safe heavy industry through innovation and excellent service. We aim to create solutions that provide you with the best possible insights to make your operation excel. Whether that is a precise weight indication of your load, automated alarms and image detection within your CCTV system or direct communication through our connectivity solutions: Rolloos leverage accurate, fast and secure information into valuable insights. With Rolloos you improve your safety and efficiency.

MISSION

To make working in harsh and hazardous industries more efficient and safe.

VISION

Rolloos strives to create innovative, integrated solutions that leverage information into insights. It is our goal to utilize these insights and make them available across all aspects of harsh and hazardous operations. To be a strategic partner to our customers for CCTV, mobile communication, weighing, crane safety and industrial cyber security.





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