TACTIRON
DIGITAL COMMUNICATIONS



Every ward. Every shift. Always connected.

Instant, encrypted communications for hospital staff, security and command centres

Encrypted voice · Staff SOS · Code team alerts · Live location · Call playback

BUILT FOR Hospitals · Clinics & labs · Ambulance fleets · Hospital security

PREPARED BY TACTIRON DIGITAL COMMUNICATIONS

Protecting patients and staff on every shift

Instant communications for the moments hospital care is most at risk

Hospitals run on fast handoffs. A code team has to gather in seconds, security has to reach a nurse facing an aggressive visitor, and an ambulance has to be met at the door. Pagers, desk phones and overhead calls slow every one of these moments. Staff need one button to reach the right team, and one button to get help.

Where hospital communication is exposed

Risk point	What goes wrong today	How Tactiron Digital Communications responds
Emergency codes	Code team paged one by one; overhead calls missed	One press alerts the whole code team, wherever they are on site
Finding staff	Switchboard rings ward after ward to find a porter or doctor	Group and private push-to-talk (PTT) reach the right person at once, over Wi-Fi or mobile data
Staff safety	Nurses and guards face aggression in emergency departments with no quick way to call	One-touch SOS and man-down send voice and location to security
Patient flow	Porters, theatres, wards and discharge chase each other by phone	Shared talk groups for porters, theatres, bed management and discharge
Multi-site networks	Separate systems at each hospital, clinic and ambulance base	One platform for every site, in every country you operate in
Incident review	No record of who was called, or when	Call playback and activity history for clinical governance and investigations

One channel for wards, security and the command centre

Ward handhelds, security radios, ambulance terminals and the desktop dispatcher share encrypted talk groups. The command centre reaches one ward, one department or the whole hospital, and tracks ambulances and mobile staff on one map. AES-256 encryption keeps patient details private.



A hospital shift, step by step

What staff and the command centre see at each stage

Stage	Ward & frontline staff	Command centre
01 **Shift start**	Staff check in on the handheld; near-field communication (NFC) tag on the ward confirms who is on duty	On-duty teams shown by talk group: wards, theatres, porters, security
02 **Daily flow**	Porter requests and bed updates by group PTT, no phone tag	Switchboard reaches any team or person in one press
03 **Emergency code**	Code team receives the alert and location instantly	Code broadcast to the right group; response times logged
04 **Security incident**	Staff press SOS; man-down protects lone workers at night	Alarm on screen; nearest guard sent; can listen in on alert
05 **Patient transfer**	Ambulance crew talks hands-free through the in-vehicle terminal	Live tracking of ambulances; emergency department ready before arrival
06 **Handover & close**	End-of-shift handover by talk group; NFC check-out	Full record of calls and alerts for clinical governance

Push-to-talk vs pagers, phones and radio

Feature	Tactiron Digital Communications	Pagers, desk phones & radio
Speed	One press reaches a whole team	Page, wait, call back
Reach	Across buildings, sites and ambulances	Limited to one building, extension or repeater
Staff safety	SOS, man-down and listen-in on every device	Usually none
Location	Live map of ambulances and mobile staff	Not available
Records	Call playback and activity history	Rarely recorded
Scaling	Add a ward, clinic or ambulance in minutes	New lines, pagers or repeaters

One platform for every part of healthcare

Configured for each kind of care setting

01

Public & referral hospitals

Code teams, porters and security on one system across large, busy sites.

02

Private hospitals & clinics

Faster patient flow and a calmer front desk, with every team one press away.

03

Ambulance & patient transport

Live tracking and hands-free voice so the emergency department knows exactly who is arriving.

04

Hospital security

SOS for every staff member, NFC patrol check-ins and instant guard dispatch.

05

Facilities & engineering

Reach maintenance, power and oxygen teams in basements and plant rooms.

06

Healthcare groups & NGOs

One platform for every hospital, clinic and outreach team, across sites and countries.

Deployment & support

01 Rollout planned around your wards, departments and shift patterns, with minimal disruption to patient care.

02 Talk groups set up to match your departments, sites and code teams.

03 Staff and command-centre training: calling, talk groups, SOS, man-down, code alerts and dispatch.

04 Local technical and warranty support.

Why hospitals switch

01 **Faster response:** code teams and porters are reached in one press, not one call at a time.

02 **Safer staff:** every nurse, porter and guard can raise the alarm, even if they cannot speak.

03 **Better records:** every call and alert is kept for governance, audit and training.

Trusted partners include

European Commission

TANESCO

G4S

SGA SECURITY

EPIC SECURITY

MAASAI WATCHERS

IMPORTANT Tactiron Digital Communications is a staff communication system. It is not a medical device and does not replace nurse-call, clinical alarm or patient-monitoring systems.

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