

E3[®] RF and E3[®] RF-CELL **PRESENCE MONITORING SYSTEMS**

Elmo-Tech's RF technology was developed with a long-term view to customer technology needs when it comes to presence and home detention monitoring. These RF presence monitoring systems are powerful, comprehensive monitoring tools, designed on the basis of a decade of cumulative field experience and market feedback. The E3[®] RF/E3[®] RF-CELL Presence Monitoring System ensures our clients all their monitoring needs are accounted for and securely performed, while enabling careful management of operational resources.

Interchangeable communication infrastructures - Landline (PSTN), Cellular and GPRS

E3[®] RF/E3[®] RF-CELL Monitoring data transfer can be performed using landline or cellular networks. When cellular communication is deployed, operators can use GSM Data or GPRS modules, pending availability. All types of units can operate alongside each other over the same unified monitoring platform to accommodate operators' needs.

E3[®] RF-CELL unit operators benefit from communication, cost and program security efficiencies of cellular networks. Cellular systems additionally extend operators two-way communication with emergency and monitoring centers.

Triple tamper transmitters

- ▶ Simple, fast installation
- ▶ Highly secured
- ▶ 2 or 3-year batteries
- ▶ Re-usable straps
- ▶ Shock resistant and waterproof



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An unprecedented range of operational advantages

- ▶ **Multiple tamper detection mechanisms**
 - ▶ Triple tamper transmitters
 - ▶ Advanced multiple tamper and malfunction alerts for local monitoring units
- ▶ **Flexible schedule options & range settings**
- ▶ **Operational cost savings**
 - ▶ **Efficient communication protocols** using faster modems enhance the performance level and result in fewer and shorter calls
 - ▶ Further reduced communication costs available in **GPRS** enabled **cellular models**
 - ▶ **Multiple-monitoring of up to 50 offenders** by a single unit allows operators to reduce investments in monitoring hardware in multi-offender monitoring environments, yet enabling individual scheduling
 - ▶ Remote upgrade and update capabilities **eliminate the need for firmware upgrades**
- ▶ **Powerful back-up mechanisms**
 - ▶ Extended memory capacity for storing and processing a multitude of events
 - ▶ 48 back-up battery for power service breaks
- ▶ **New compact design**

Extended range of officer field tools

The E3[®] RF/E3[®] RF-CELL Presence Monitoring System features communication and officer safety tools, including mobile units; immediate, coded text or voice messages to officers' mobile phones, pager, fax, telephone and e-mail; remote internet access to all authorized monitoring features; and electronic keys incorporating officer duress capabilities while at offender's premises.

Integrated Monitoring Capabilities – empowering remote supervision programs

RF presence monitoring can be applied as a separate measure or in combination with different intensive supervision tools. When integrated as a "plug and play" component to a control center already operating Elmo-Tech Integrated Platform application, data from the E3[®] RF/E3[®] RF-CELL presence monitoring systems is fed into a single database, which manages the full range of offender monitoring tools for efficient case management and operational flexibility. Field units and transmitter models interchangeability enable the seamless transfer of offenders across different programs and monitoring applications for efficient resource management.

Additional monitoring tools available from Elmo-Tech under the integrated platform concept are: GPS Tracking (active, passive or hybrid), Voice Verification, Remote Alcohol Monitoring, Group Monitoring.

Independent ownership & control over data and operations

Elmo-Tech offers flexible hosting of monitoring applications providing independent ownership of the data and control over operations:

- ▶ **A stand-alone on-site host for independent data ownership and management**
- ▶ **Secure remote hosting and internet access**



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