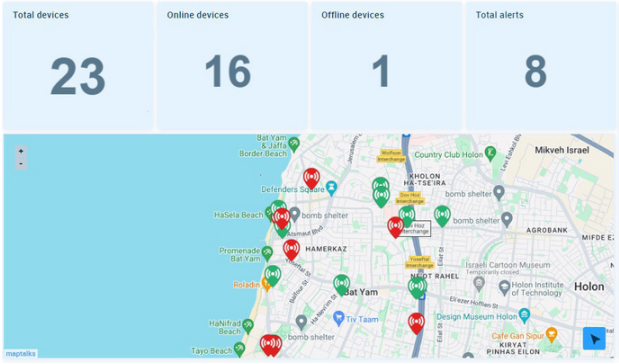
CellPoint™

Event Monitoring

DataStream IoT

In the field of event monitoring for utilities and industrial processes, traditional solutions face impediments with intricate installations, high costs, and limited scalability. The demand of power sources, communication lines, and intricate setups make these solutions impractical, especially in challenging outdoor environments. For effective event monitoring in industrial IoT scenarios, there's a need for a solution that's not just efficient but also versatile, scalable, and cost-effective.



DataStream's CellPoint™ Event Monitoring Device, a groundbreaking device tailored to address the challenges inherent in traditional event monitoring systems. This self-contained state of the art device eliminates the need for extensive infrastructure, complex installations, and high costs. With a robust field replaceable battery, and a built-in LTE cellular modem, CellPoint™ stands as a cost-effective, scalable, and easy-to-deploy solution for real-time event monitoring.

The CellPoint™ operates by detecting changes in switch closures, including reed switches, magnetic switches, relay contacts, or any electro-mechanical switch. It sends immediate alerts upon detecting a change in status and issues "Keep-Alive" messages daily when no events occur. The device is intelligently programmed to prevent false alarms, incorporating variable delay times to ensure responses align precisely with defined real events and to avoid false alerts of momentary changes.

Our highly scalable CellPoint™Event Monitoring Device allows users to initiate deployment at critical nodes and expand as operational needs evolve. This scalability provides a holistic view of networks and processes, unlocking layers of insight and control in event monitoring; it's a transformative approach to real-time monitoring.

Key Features

- **Event Detection** | Identifies changes in switch closures, reed switches, magnetic switches, relay contacts, or electro-mechanical switches.
- **Immediate Alerts** | Sends instant notifications upon detecting a change in status.
- **Keep-Alive Messages** | Daily messages indicate normal status, including battery and network reception indicators.
- **Programmable Delay** | Variable delay times prevent false alarms for momentary changes.
- **Scalable Deployment** | Easily expands to cover comprehensive networks or process monitoring.
- **Versatile Applications** | Suited for a range of applications beyond traditional event monitoring.