Outage Management

A sudden power failure can pose a significant threat to critical operations in any industry or commercial setting. The impact of these disruptions may vary across industries like industrial manufacturing, healthcare, telecommunications, finance, food facilities, or retail. Traditional outage detection systems often rely on intermittent checks, leading to delayed notifications and potential damage. These systems may lack real-time monitoring, hindering a proactive response.

DataStream's CellPoint Event Monitoring device offers timely outage detection for effective and targeted outage notification in diverse applications and for practically any industry. The outage detection relay is sampled continuously by the CellPoint device. The device sends an outage alert once the relay detects a power disruption. To ensure that the system is up and running, once a day the device sends a "Keep Alive" message to the DataSense portal as a status signal that indicates that the device is operative. When the device senses that the relay trips, this indicates loss of power. The CellPoint continues to monitor the relay status, and if the relay remains "open" for longer than a predefined time, the CellPoint device will trigger a message to the DataSense portal. The alert is cleared once the power is back for more than a predefined clear time.

Once DataSense IoT receives an alert from any of the CellPoint, the system sends an SMS and/or email notification to the relevant operators.

One of the key advantages of the CellPoint solution is that it's easy to install. The device is IP68 rated, and it can be installed outdoors without any special enclosure. The product is protected against the elements and even if the enclosure screws are opened, the device is fully encapsulated so that any water ingress cannot cause any corrosion or degradation of performance. The device can be supplied with a wide assortment of installation accessories for pit, wall, and pole installation. The installation process is simple and quick, providing low cost of deployment.

Key Features

- **Cost-Effectiveness** | The absence of the need for infrastructure, coupled with ease of installation, significantly lowers costs compared to alternative solutions.

- **Rapid Deployment** | No need for special expertise. Installation by field tech in less than 15-minutes.

- **Real-Time Alerts** | Immediate notification of power outage enables quick response.

- **Versatile Applications** | Flexible software supports implementation in various applications that require outage monitoring.

- **Efficiency in Harsh Environments** | The self-contained design and robust construction make CellPoint ideal for deployment in any scenario.

DataStream IoT