

# SATEC Adds Digital Fault Monitoring to its BFM-II Branch Feeder Monitor

BFM-II – a field-proven, simple to install and cost-effective upgrade to outdated substation gear; new Digital Fault Recording (DFR) functionality enhances the BFM-II's substation monitoring capabilities

SATEC, innovative global supplier of instrumentation and software serving the electrical utility market, announces the addition of a powerful Digital Fault Recording (DFR) feature to the suite of capabilities of its Model BFM-II Second-Generation Branch Feeder Monitor. Designed specifically for electrical distribution substation applications, the DFR functionality provides substation engineers with critical information

regarding relay tripping and reclosure operations, power disturbances and other system anomalies.

The BFM-II's unique design allows it to easily and cost-effectively address much needed upgrades to older substations where existing in-service electromechanical devices aren't capable of providing necessary detail to operate in today's demanding digital smart grid environment.



“ An important update to substation instrumentation and a valuable upgrade in performance ”



“With the inclusion of DFR functionality, The BFM-II delivers both an important update to substation instrumentation and a valuable upgrade in performance,” said Juan Diaz, SATEC Utility Segment VP. “Substation engineers can expect these new capabilities to have an immediate impact on their ability to dynamically monitor system performance and improve overall reliability”.

The addition of digital fault recording functionality greatly enhances essential system detail necessary for the analysis of power disturbances and at a price point unheard of in the industry for this level of functionality. The DFR feature monitors distribution network protection system performance utilizing multiphase waveform capture to immediately identify faults, failure of fault interrupting devices, incorrect tripping as well as to determine optimum tripping delay settings. Installation requires no interruption of CT circuits or disruption of service and an entire substation can be upgraded in a day or less.

#### BFM-II SUBSTATION FUNCTIONS

The BFM-II offers a range of important substation functions, including:

- ▣ Local and remote monitoring of breaker operations
- ▣ Local and remote supervision using digital and analog inputs
- ▣ Advance alerting of trips
- ▣ Long-term capture of trends and load profiles
- ▣ Communication via existing substation protocols such as DNP and IEC 60870

#### About SATEC

As a global leader with more than three decades of expertise in development of energy management and efficiency technologies, we are committed to empower consumers with flexible, scalable energy intelligence solutions focused on delivering business intelligence that drive energy efficiencies and improve reliability across multiple user applications worldwide while contributing to a sustainable planet.