Monitoring, control and measurement solutions are the foundation for automating your network. They enable you to see what happens inside your network, ensuring reliable and uninterrupted operation anywhere and anytime.

Our proven solution for distribution automation allows accurate energy measurements, based on advanced fault detection equipment. This detailed information are considered the basis for Fault Detection Isolation and Restoration (FDIR), and Fault Location Isolation and Service Restoration (FLISR) functionality. This solution enables a detailed power flow analysis with sensors and measurement devices in MV and LV applications, including smart meter integration. Improving your grid visibility gives you the control you need to take the right decisions at the right time to keep the power flowing.

**Functions**
- Remote monitoring and control
- Fault detection information
- Power quality
- Low voltage and medium voltage energy measurements
- Detailed power flow analysis
- Central management of security events and user accounts
- Fault Detection, Isolation and Restoration of power (FDIR)
Benefits

• Utilize existing infrastructure to its full potential
• Accurate situational awareness within the distribution network
• Improve operational efficiency
• Reduce SAIDI (System average Interruption Duration Index),
• Reduce SAIFI (System Average Interruption Frequency Index)
• Minimize outage time
• Reduce non-technical losses

ABB Distribution automation systems improve grid reliability and efficiency; giving you control of the grid, anywhere, any time. We enable you to see inside your grid, with more than 100 years of experience in substation automation, communication and protection. ABB delivers a comprehensive range of automation products, solutions and systems for basic to advanced power distribution networks, renewable power integration and battery storage systems.