

recordCollector & recordNotifier

Data concentrator for electrical protections

INGESYS™ IT and INGESYS™ eFS are a series of software tools that cover the configuration, monitoring, operation and maintenance needs of an electrical substation throughout its life cycle.

recordCollector and recordNotifier are two services that form part of the INGESYS™ eFS engineering and maintenance software and are available from version 7.5 on.

recordCollector

recordCollector automatically collects events, fault and oscillographic files from the IEDs in COMTRADE format. These files remain stored and available for subsequent use in the PC where the service is installed.

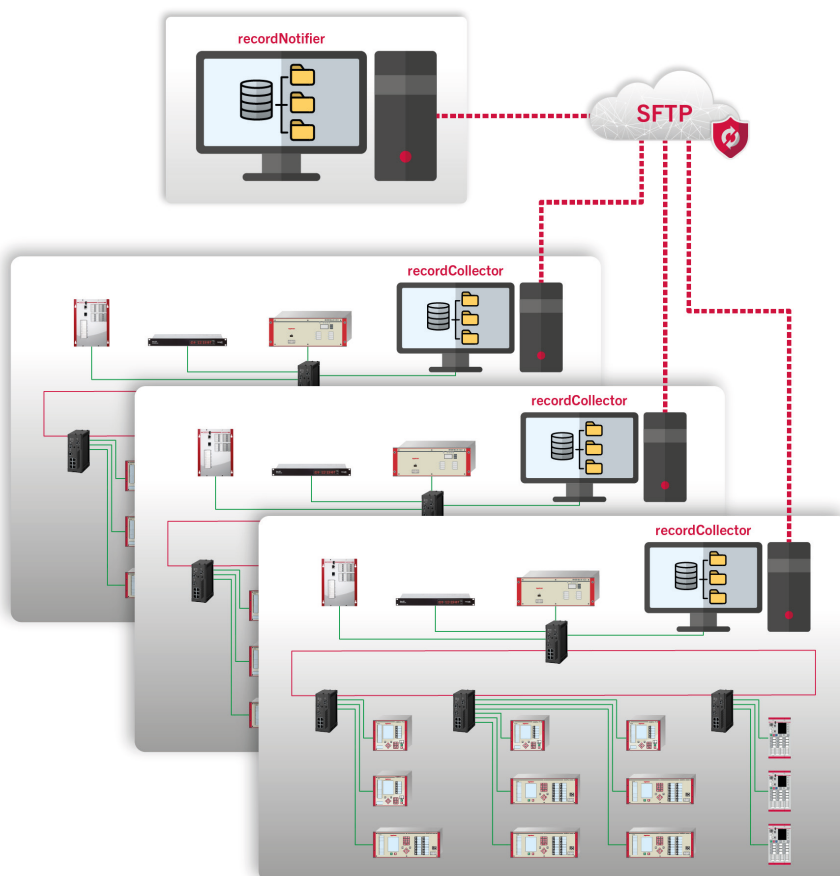
Communication with the various IEDs is carried out via **SFTP/FTP protocol**, thereby guaranteeing secure, **password-protected** communication.

The tool generates **directories** needed to store the collected information in an orderly manner. There will be a directory for each project that is set up and a directory for each IED of each project.

recordNotifier

When the substation information collected by recordCollector has to be sent to an **external FTP server**, this will be performed by the **recordNotifier** service, which will forward the information using the **sFTP** secure protocol.

In these cases, the folder structure in the server will be very similar to that of recordCollector and updating will take place by **synchronizing** both machines.



recordCollector & recordNotifier

Data concentrator for electrical protections

Benefits

recordCollector and **recordNotifier** are powerful tools for both substation **O&M** staff and power **distribution** companies. They provide orderly access to critical information in the IEDs that make up part of the protection and control system and is permanently stored.

- Automatic supervision of the data files generated by the IEDs, avoiding unnecessary trips to the substation and potential information losses
- Safeguards the data files generated by the IEDs, with two additional options:
 - Storage in a local repository in the substation PC or SCADA server
 - Optional automatic synchronization of all the information of the various substations in a single central repository
- Backup analysis from a single point
- Facilitates management of backups
- Faults analysis using advanced external tools (COMTRADE)

