framatome

Foreign Object Tracking System (FOTS)

Framatome's advanced Foreign Object Tracking System (FOTS) helps customers more closely locate, track and disposition foreign objects.

Challenge

Foreign objects in the steam generator secondary side may damage tubes. Utilities need to integrate data from both primary (ET) and secondary (VT) inspections to facilitate loose part identification and removal.
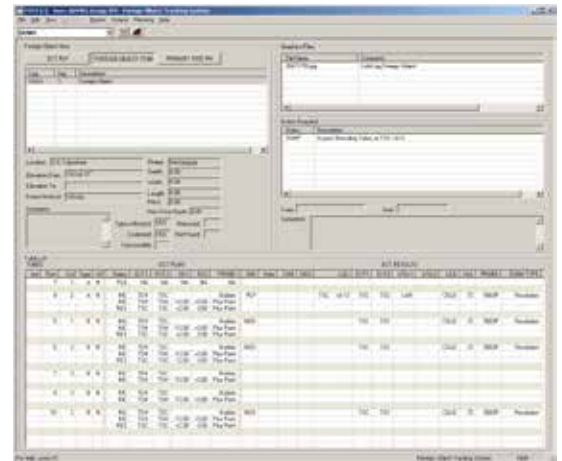
Solution

Framatome's Foreign Object Tracking System was developed to get the job done — providing confidence for complete loose part removal. FOTS integrates eddy current (ET) inspection results with secondary side visual inspection (VI) data to form a centralized repository for reporting and resolving PLPs.

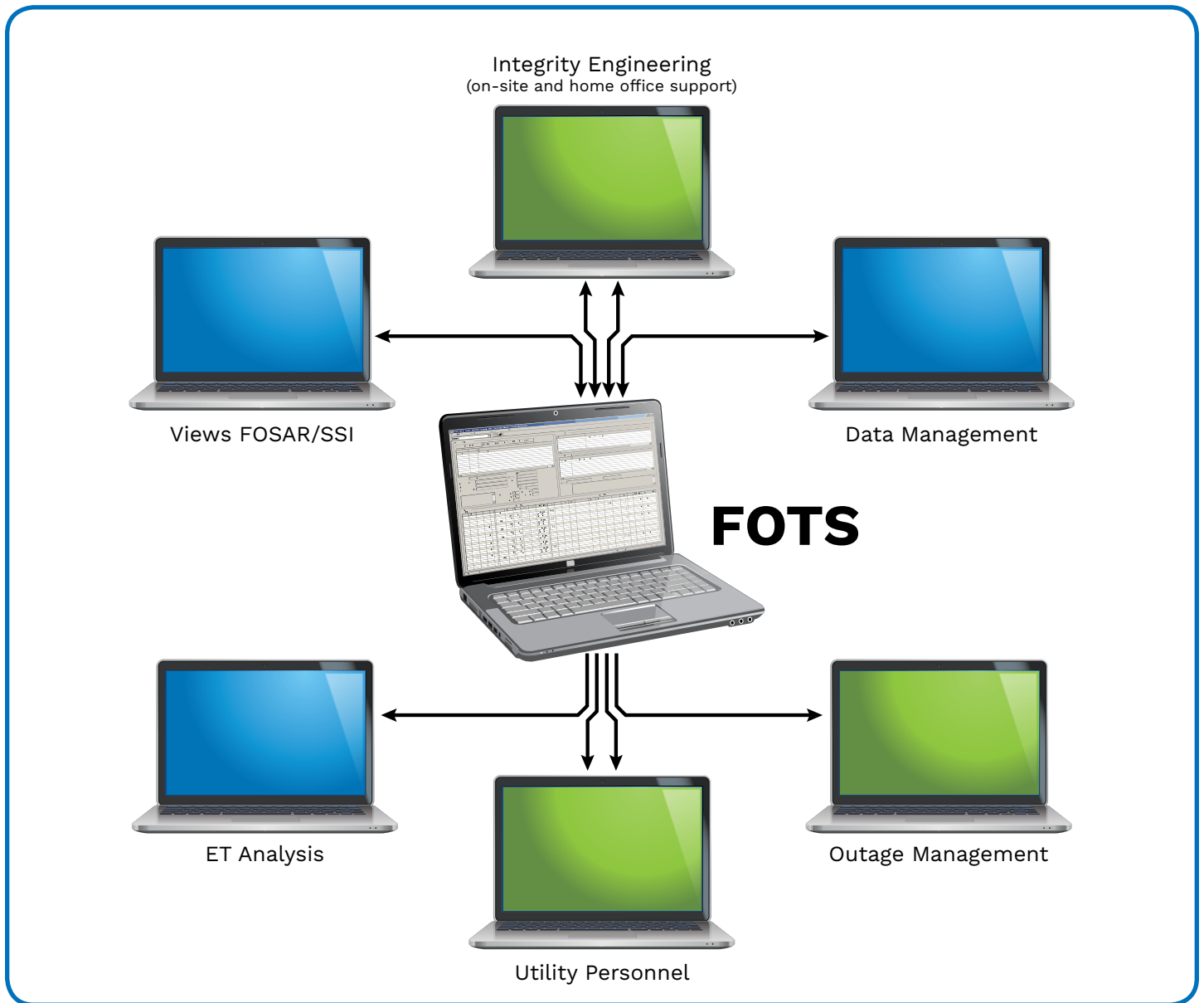**Enhancing a Reliable Process for Tracking and Resolution of PLPs**

- Automatically define PLPs, pinpointing both the tube number and specific location, and automatically identify tubes bounding the PLP

- Initiate and control actions based on pre-established process requirements; allow virtually automatic coordination of work activities

- Display the ET inspection plan and associated results for affected and bounding tubes, allowing accurate assessment of required actions

- Graphic, video, and other document files are available for convenient viewing and reference by all interested parties

- Single and controlled access source for foreign object data supports a focused effort and comprehensive condition assessment

- Integration with the secondary side inspection software to facilitate easier access and utilization

- Provides descriptive quantification of a foreign object, such as material, size and mass

- Significantly reduces the probability of errors when mapping foreign object locations

- Allows pre-outage planning for secondary side inspection activities around historical PLPs stored in the FOTS system

Customer benefits

- Rules defined to automatically trigger actions requiring attention

- Integration with the secondary side inspection software facilitates easier access and utilization, saving time

Your performance
is **our** everyday **commitment**

Integrity Engineering
(on-site and home office support)

Views FOSAR/SSI

Data Management

FOTS

ET Analysis

Outage Management

Utility Personnel

FOTS integrates multiple databases for a clear picture of PLPs

Integrated systems for efficient resolution of PLPs and communication between primary and secondary activities.

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