

“Trident implements integrated automation to facilitate cross-team collaboration, reduces report times from days to hours”

This engagement was for a strategic engineering unit of Indian Navy. This unit is the first Defense service Organization to achieve CMMI Maturity Level 3 Rating for software development and maintenance projects. This has demonstrated Trident’s ability to deliver world class systems complying with international standards. This unit of Indian Navy, uses a centralized IBM Rational Platform satisfying a **24x7 demand for development collaboration**.

Business Need of the Indian Navy Unit

The unit is constantly adapting to the needs of Indian Navy.

In such a dynamic environment, the unit has to be able to:

- speed-up development,
- trace requirements and
- demonstrate regulatory compliance.
- Integration of embedded software applications with other systems amplify the challenge, adding complexity; raising traceability and reporting issues.
- Stringent Defense compliance stipulations for on-board software application development further adds to the challenge of schedule & quality standard adherence.

Solution

As a centralized platform for application development, Trident deployed IBM Rational’s best in class Software Engineering Platform to ensure:

- Enhance collaboration among distributed software development teams
- Automate application development, testing and reporting lifecycle.
- As part of holistic solution, Trident Implemented:
 - IBM Rational DOORS for requirement management and traceability solution,
 - IBM Rational Publishing Engine for software document automation,
 - IBM Rational Quality Manager solution for quality management,
 - IBM Rational Team Concert for team collaboration.

Benefits

- Reduced time / effort for Test Reporting improved efficiency, predictability of application development processes
- Standardization through centralized Developers’ Collaboration platform.
- IBM Rational’s SDLC solutions helped the organization to maximize the value of automation thru:
 - Automated Test Documentation as per industry standard quality guidelines.
 - Facilitating organization-wide access to export Module specific documents.
 - Centralized platform: ensured standardization, consistency of tools and methods,
 - Making software development and testing processes repeatable, predictable & much more efficient.