Infosys Facets Test Factory Services are aimed at increasing return-on-investments by reducing manual testing and increasing automation.
Overview
Infosys helps Health Plans achieve their testing goals with greater efficiency and in shorter timeframes with its world-class Testing practice. The Testing services offering is backed by best-in-breed testing methodologies, a global delivery model, and rich testing and QA expertise. Our understanding of the relevant tools and solutions coupled with domain skills allows us to assist our customers in implementing test procedures and test management models that accurately measure Facets and their custom system's ability to meet the documented requirements.

Test Services offering

Infosys Facets Test factory model
Test factory model is aimed at Increased ROI by reducing manual testing and increased automation. It is based on the following guiding principles:

- Test case reusability
- Test script reusability
- Automated test data generation
- Test data reusability
- Test case to business process traceability
- Test case to requirements process traceability

Test Data Management (TDM)

- Automation Scripts
- Script & Test Data DB
- EDI X12 Files
- Test Data

ALM Test Suite (ALM TS)

- Test Metadata
  - Object repository
  - Keyword Library fn.
- Business Process Test scenarios
- Test Configurations
- Test Scripts

Facets applications & Other Systems

- EDI
- HpXR Letters
- Custom Interfaces
- Web Services
- IVR
- Web Portals
- EDW
Best practices in Facets performance testing

- Process model for assessment:
  - Critical process, Priority list,
  - Test expectation and
  - Data requirements
- Well-documented test plan and strategy
- Check-list for scope verification

- Parameterized script model
- Metrics checkpoints at every stage
- Extensive baseline tests (85% of problems are identified at this stage)
- Isolation of problems during baseline runs

Performance testing Best practices

- Monitor & analyze results early
- Once all the problems found during baseline runs have been solved and corrected, run a full load
- Record system behavior changes for various loads (ramp up gradually)
- Complete result summary documentation after each test and full report at end of project

Infosys edge in Facets automated testing

1. Separation of Tests for UI & business logic
2. Factory Method for Test automation
3. Extensive object repository
4. In-built security features for authentication
5. Reusable Library function
6. Context Independent test scripts