

# SPiRiT – Requirements Capture

## Datasheet

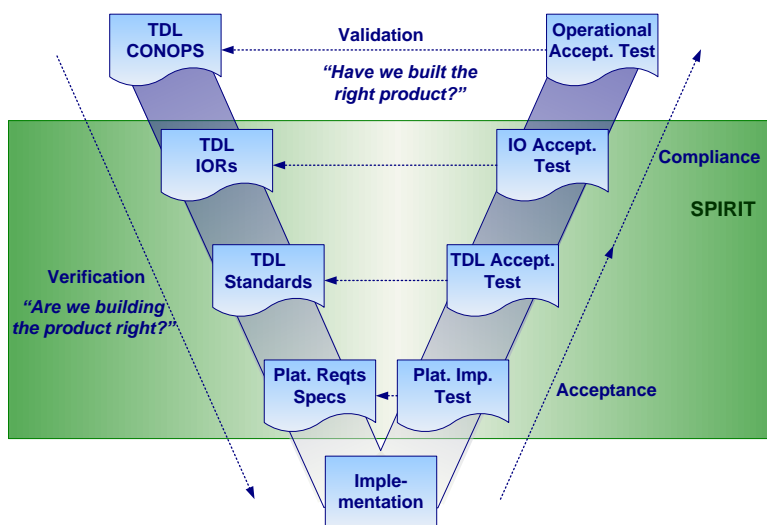
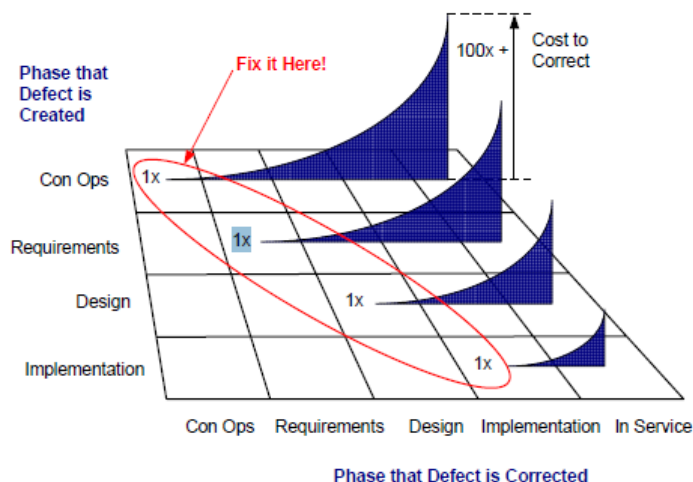
### Fourth Generation Interoperability (IO) Management

#### Requirements Management

One of the most expensive ways for a project to fail is through poor capture and management of requirements through the lifecycle of a project.

Poorly defined requirements can derive poor implementations which are exponentially more expensive to correct at the end of the project.

SyntheSys recognises that Tactical Data Link (TDL) Standards represent the common System Requirements and when managed appropriately provide a solid basis for system implementation and test.



System Process for Interoperability Requirements and Implementation Testing (SPiRiT) applies established Systems Engineering principles of Verification and Validation across the V-Model to provide a coherent approach to data link interoperability and compliance testing.

IBM Watson Internet of Things (IoT) Rational DOORS is an industry leading database application for requirements capture, management and traceability, and has been configured within SPiRiT to provide critical traceability of data link requirement implementation against the appropriate standard.

#### Standards Currently Available

- Link 16 – MIL-STD-6016C, STANAG 5516 Edition 5 & 6
- VMF – incorporating MIL-STD-6017/TIDP, MIL-STD-2045-47001, and MIL-STD-188-220

#### About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

