



GenS – Basic User Course

PreRequisite: Nil (a background in IPS is required)

Classroom Duration: 5 days **Virtual Duration:** 5 x 3 hours

The GenS Training Course is designed to provide IPS/ILS practitioners an understanding of Pennants GenS Software and its functionality within the LSAR process. Instructor led practical exercises have users identify the LSAR requirements, analyse asset data and use GenS to build the asset structure, assign data to the appropriate tables for the standard/specification, and develop the maintenance program for the asset.

This GenS Training also shows users how to convert LSAR data files to alternate standards/specifications using the GenS Standard Converter, create local Repositories in the Repository Creator, and create and modify the Project Configuration with the Element Manager.

Module 1	Introduction into GenS and Associated Standards
	<ul style="list-style-type: none">• GenS Features• Exploring the Supported Standards• Supportability Principles and Objectives• Product Support Analysis Fundamentals• Understanding Data Elements and Data Exchange Files• GenS User Interface
Module 2	How to Initiate an LSAR Project
	<ul style="list-style-type: none">• Create/Modify Project Configuration• Creating Product Structure
Module 3	Recording Information Resulting from LSA/PSA
	<ul style="list-style-type: none">• Provisioning Information• Operability and Maintainability Requirements• Reliability, Availability and Maintainability Information• Item Functions• Failure Modes and Effects Analysis• Reliability Centred Maintenance Process and Record• Maintenance Task Analysis Information• Additional Provisioning Data• Alternates and Configurations
Module 4	Additional Product Features
	<ul style="list-style-type: none">• User Reports• Calculations• Embedding Objects and Multimedia• Import/Export data files