Celeris**Systems** ^{SM}

Module 2:
Requirements Management

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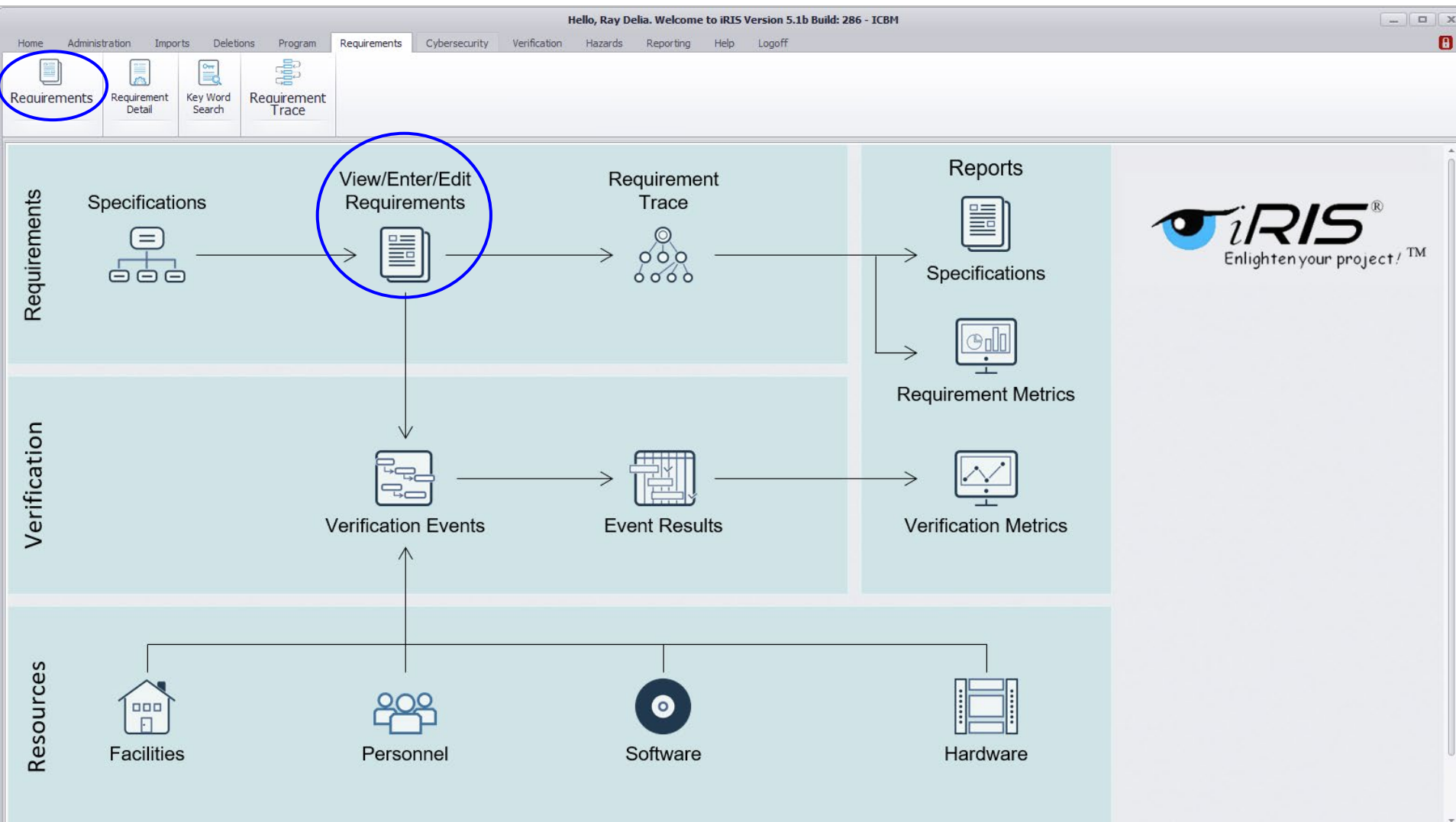Anaheim, California 92806
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Requirements Within iRIS

When you **do** have a Requirements Management System	When you **don't** have a Requirements Management System
• iRIS has an ingestion capability to connect to your Requirements Management System	• iRIS acts as your Requirements Management System of Record
	– Leverages the existing requirements container
• The local container within iRIS:	– Activates the iRIS requirements management capabilities
– Allows review of the technical baseline without possibility of corruption to the System of Record for requirements	
– Provides the connection of test activity (planning, execution, reporting) to the requirements through the relational database instead of manually	• Test Planning, Execution, and Reporting tied to the technical baseline done in the same manner
• iRIS requirements management capabilities are mainly inactive	

Entering the Requirements Workspace

Requirements List View

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Navigate specifications by selecting from the drop-down menu

Right-click in the column header to sort, filter, group items in that column

Enter search strings here

Double-click anywhere in the row to see requirement details

Right-click to add parent or child relationship

Data in this view can be exported to Microsoft Excel

Click to insert additional requirement attributes as columns

Requirements File Cabinet

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Click to return to list view

Double-click to view proposed and approved changes

| Home | Administ... | Imports | Deletions | Program | **Requirements** | Cybersecurity | Verification | Hazards | Reporting | Help | Logoff |

Requirements | Requirement Detail | Key Word Search | Requirement Trace

Requirement: BST1-008 : Booster RF Emitter General Design Requirements

General | TPM | Note | Source | Functions | Measure | Issues | Risks | Analysis | Hyperlinks | Changes | Comments | Misc. | RVP

Requirement Number: BST1-008

Requirement Name: Booster RF Emitter General Design Requirements

☐ Publish Only

External ID:

Description:
The booster Fail-safe systems shall be incorporated so that inadvertent operation of any hazardous RF emitting system is prevented.

Type: R

Effectivity: ICBM 1-4

Cyber/IA:

CTP: TPM-5

TPM/KPP:

EA: Safety

Specification: 07) Rocket Motor Specification

Paragraph Number: 3.8

Specificaton Owners:
Angel Martinez

Critical To System Verification:

Verification Method:
☑ Analysis
☐ Inspection
☐ Demo
☐ Special Method
☐ Test

Parents:
SYS-003
SYS-026
RCC-002

Children:

Name:
System Safety

Description:
Any computing system, software, or firmware that performs a software safety critical function shall undergo the analysis needed to ensure reliable operation in accordance with the requirement in Attachment 1 of this document.

Add/Edit Relationship(s)...

Events:

Legend:

Drag a column header here to group by that column

Verification Number	Title	Forecast Date	Status
▶ 1024-S1BST	Booster Reliability Analysis	9/20/2020	Met

Right-click to navigatee to verification results

Double-click to navigate to the verification event

? | Save Entry | Comment | Propose Change | Close

Key Word Search & Parent/Child Trace View

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- Searches across the entire requirements database
- Double-click on the requirement number to open the requirement in the Requirement Detail form

Key word search

Enter search strings here

Requirement trace

Enter search strings here

Creating/Editing Requirements