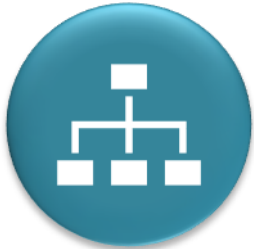




# MITTS

## Traceability & Genealogy



## Work Piece Tracking and Part Genealogy

In the modern production process, it is crucial to have a system in place that can record and document every critical step, ensuring that no detail is overlooked. Whether the process is automated or manual, the Genealogy and Build History Solution offers a comprehensive set of tools to collect and accurately store each individual action and result. By gathering and analyzing this data, manufacturers can obtain a complete picture of the product's journey throughout the manufacturing process. With the ability to track every action taken during production, the Genealogy and Build History Solution provides a reliable and comprehensive record of the product's manufacturing history. This allows manufacturers to identify any issues that may have arisen during the production process, enabling them to make any necessary improvements for future production runs. Moreover, having access to this data can aid in meeting regulatory compliance requirements, enabling companies to demonstrate their commitment to quality and safety standards.

Details	Hierarchy	Materials	Codes	Properties	Worksteps	VPD	FZS Values	Progress	FIS-Progress	Object History	FTC	Sa
Search Filter												
Workplace	Work step	Part type	Process group	WIS	Check	Pending	Internal	HoldID	User	ResultDT	PFD ResultDT	Status
SAW-01-W (Saw Mill)	(104B) Cut studs and stage on material cart - BEGIN	Wall		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/1/2023 4:56:02 PM		✓
SAW-01-W (Saw Mill)	(104C) Cut studs and stage on material cart - COMPLETE	Wall		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/1/2023 4:56:05 PM		✓
FRM-01-W (Framing 1)	(123B) Frame Bathroom Door Wall Assembly - BEGIN	Wall		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/2/2023 5:36:52 PM		✓
FRM-01-W (Framing 1)	(123B) Frame Bathroom Door Wall Assembly - COMPLETE	Wall		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/2/2023 5:37:08 PM		✓
FRM-01-W (Framing 1)	Quality: In-Process Inspection - BEGIN	Wall		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/2/2023 5:36:55 PM		✓
FRM-01-W (Framing 1)	Quality: In-Process Inspection - COMPLETE	Wall		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		IHousing	3/2/2023 5:37:45 PM		✓

## Real-World Applications

### Dynamic Build History:

Electronically record all activities and materials. Track the exact work-path for any workpiece.

### Containment Reports:

Accurately identify product lists from material batches.

### Material and Batch Scans:

Confirm material compliance or record serial numbers.

### Zone Quality Check Function:

Create quality gates to quickly confirm processes are complete.

## The DSI Advantage

Our Traceability and Genealogy module can help minimize the risks inherent with today's complex products and provide comprehensive containment in the case of a product recall. Having this data available is only part of the solution. Another key aspect of this solution is being able to easily use this data to trace a product which may have been affected by faulty materials, processes, or any other environmental factors. Our solution provides a carefully designed set of reporting tools which can allow the modern manufacturer to contain issues with minimum impact to both profitability and reputation.



## DSI DELIVERS

- ◆ Reduced risk of exposure.
- ◆ Increased compliance.
- ◆ Better containment of issues.
- ◆ Product build analysis.