

# METROLOGY IN MANUFACTURING

The Minds Mechanical Newsletter

Vol. 3



## Intelligent Manufacturing And Inspections

*Modernizing Manufacturing*

Intelligent Manufacturing and Inspections is Minds Mechanical's proprietary flagship software, created in-house by a team of experienced engineers, metrologists, and developers.

IMI is a cloud-based, multi-tenant system that was created first and foremost to save time, money, and reduce waste by streamlining the manufacturing process. All aspects of production are brought under one roof, increasing visibility and efficiency.

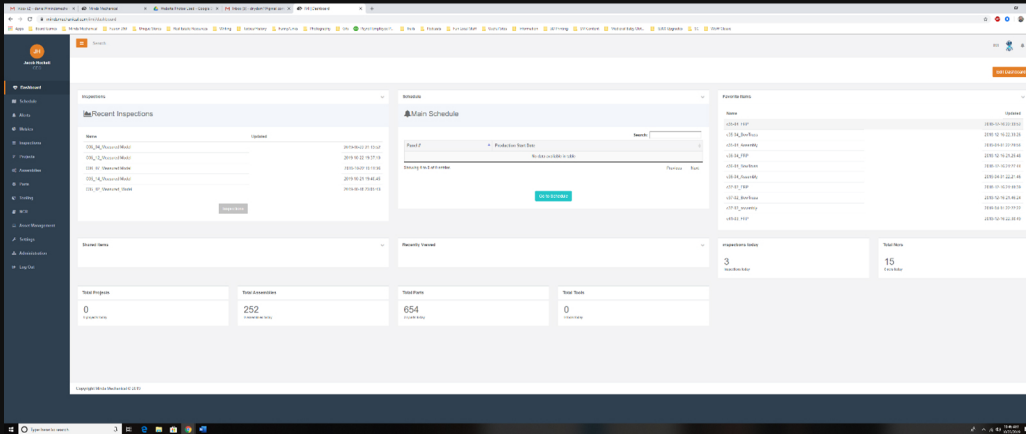
Both part and tooling inspections are uploaded directly into the system and automatic notifications are sent out immediately for Non-Conformance Reports, enabling manufacturers to address the issue faster than ever before.

Join us for a walk-through of IMI's features to see how IMI can enhance and modernize your manufacturing and quality control.



**minds**mechanical

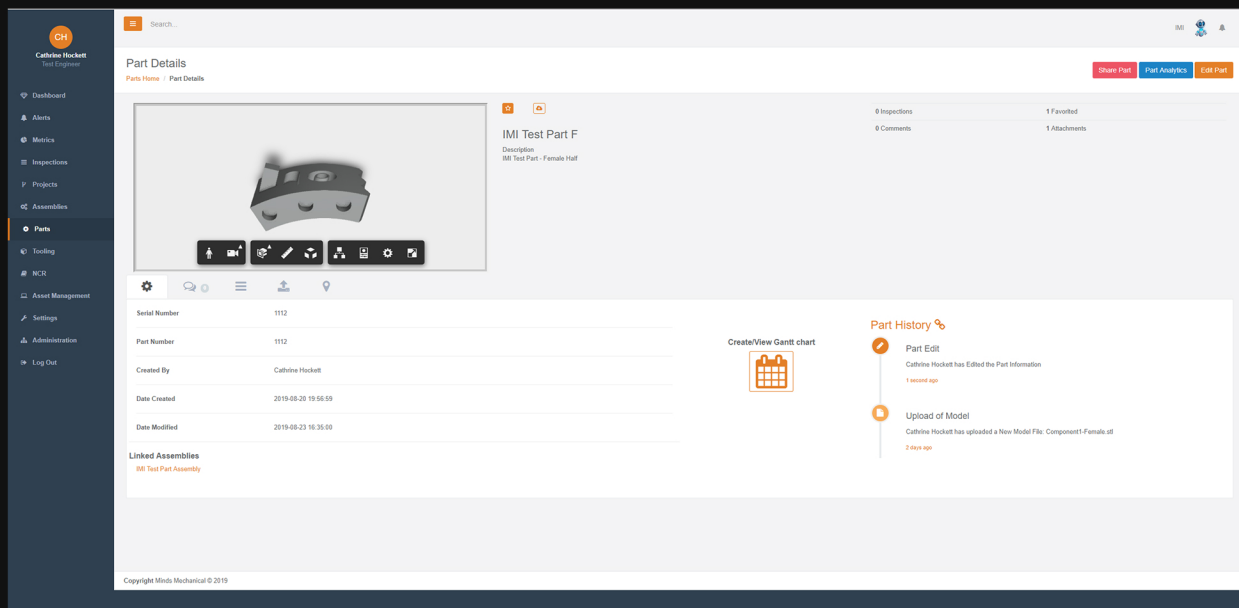
# Dashboard



From the Dashboard, users are presented with an overview of their manufacturing and quality control pipeline.

All parts, assemblies, and projects are hosted in the system and can be viewed by any authorized users from any device.

# Parts Page



The part page (pictured above) includes the 3D model viewer and all part details and history.

Uploading a new revision to a part automatically revisions the change for all authorized users.

With IMI, you can easily manage your parts, assemblies, and projects.

Create an assembly by simply linking the appropriate tooling and parts.

Projects are similarly created by linking tooling, assemblies, and parts.

Run part analytics, share or edit the part, and create or view Gantt charts.

View all inspection data and part history at any time.

Leave comments for your team to keep communication flowing.

## 3D Model Viewer

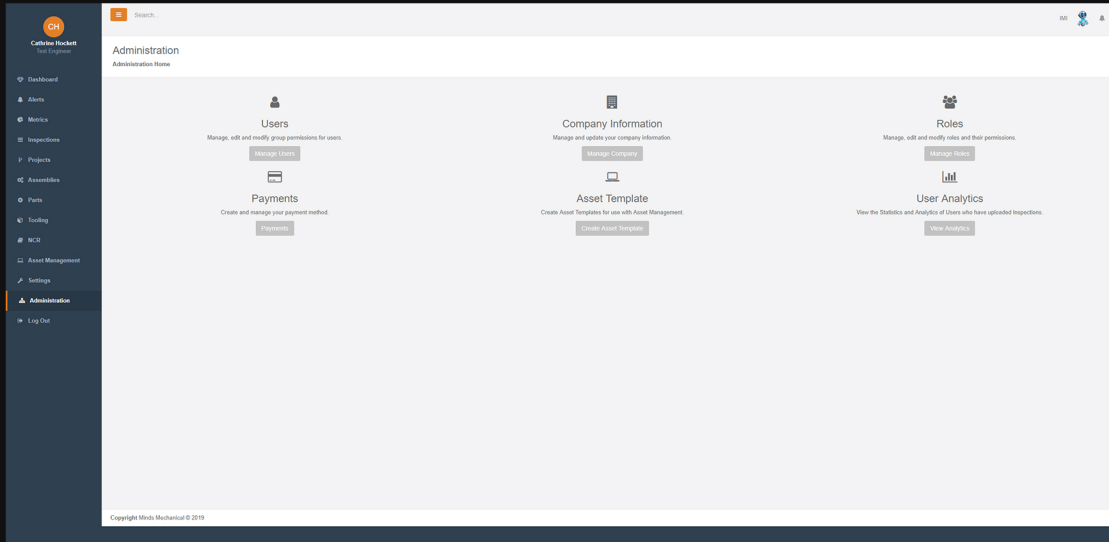
IMI's full-featured 3D model viewer allows for measuring, part exploding, and more.

Easily accessible from any device at home, the office, or on the go.



IMI 3D Model Viewer

## Administration and User Analytics



On the administration page, create new users, define user roles, update payment information and access user analytics.

IMI's robust user analytics system hands administrators full control, greatly increasing visibility and traceability.

Individual user roles and permissions can be fully customized, providing your company flexibility and security by only allowing access where needed.

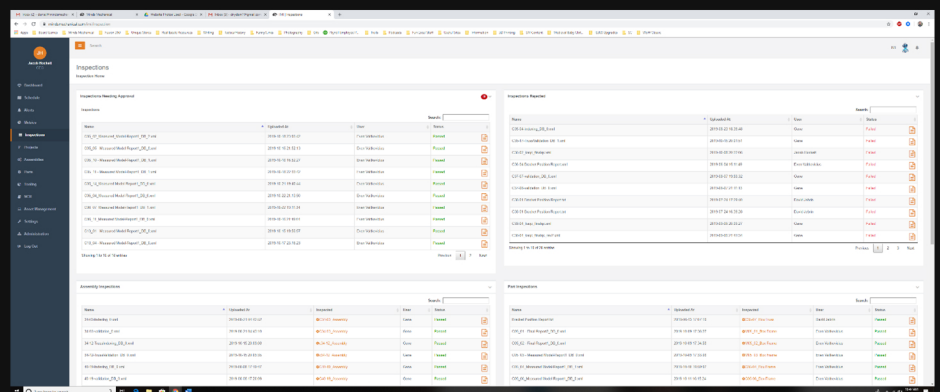
## Inspections



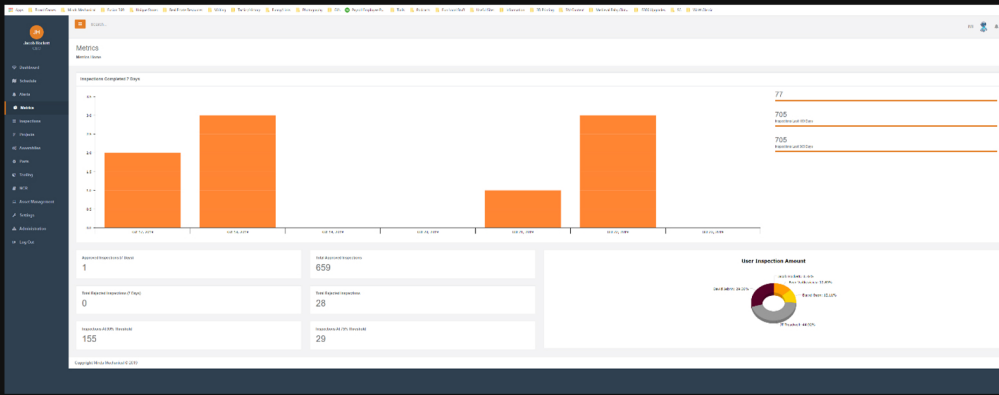
Inspections and inspection reports are hosted in the cloud.



Automatic notifications for NCRs enables faster response time than ever before.



# Inspection Metrics



Your data, always at your fingertips. Easily visualize and track inspection report data with IMI Metrics.



3D model hosting and viewing from any device



Instant notifications for NCRs



Automatic revisioning of models



Comprehensive analytics



Fully customizable roles and permissions



Part and tooling inspection hosting

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