

# Introducing Designcenter X NX Team Connect

Design capabilities for engineering stakeholders



# Introducing Designcenter

## Design for your future -- from browser to desktop

### Uniquely scalable

Seamlessly scale from startup to enterprise with 100% data fidelity

### Most comprehensive

Best-in-class product engineering software from NX and Solid Edge. Get on-demand access to every capability with reusable token licensing.

### Unmatched flexibility

Industry-focused workflows, dynamic design options, integrated domain tools and data interoperability



# Introducing Designcenter

Design for your future -- from browser to desktop

**50** years of proven  
and continuous innovation

## Industry recognized top honors in 2025

- Frost & Sullivan Frost Radar Analysis – Innovation
- G2 - Best CAD Overall + Usability + to do business with
- Trust Radius – Best feature set + price + relationship
- IDC SaaS CAD Customer Satisfaction
- CES Innovation Award
- GOOD Design Award
- Red Dot Design
- iF Design
- Werner von Siemens Award – Technology
- + more...



red**dot** winner 2025

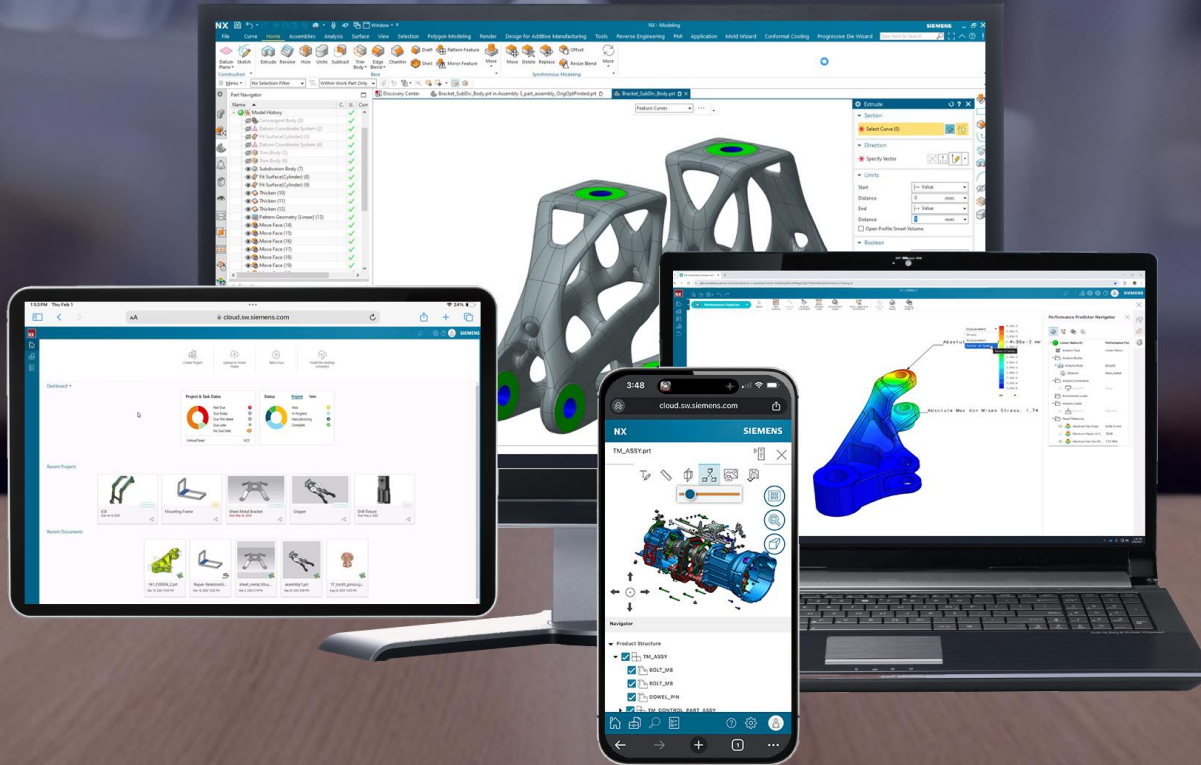


# Designcenter **Uniquely scalable**

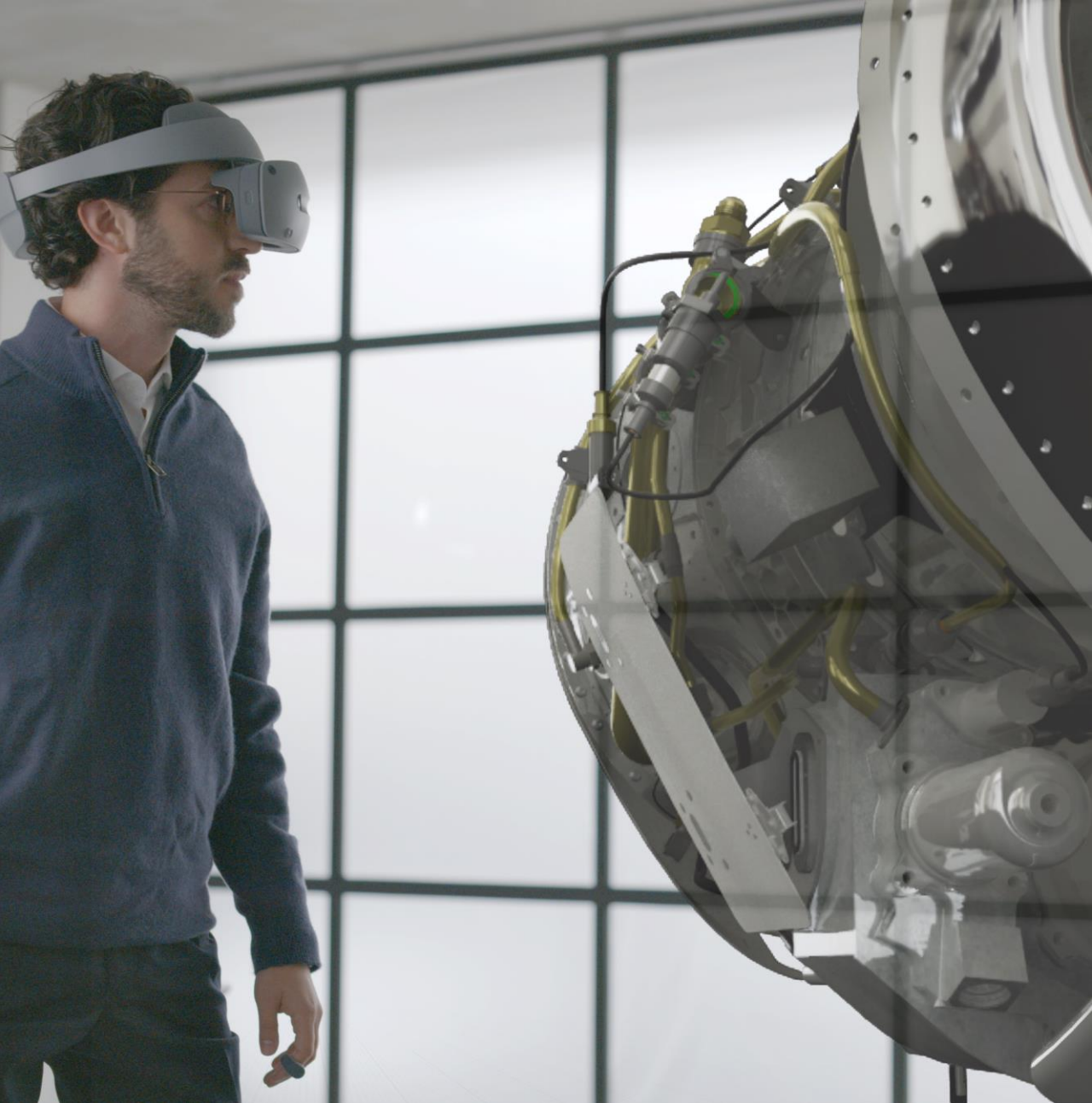
Seamlessly scalable seat and licensing options  
with right sized capabilities and pricing

Access to software from browser to desktop

Accessible digital transformation for all  
organizations, from startup to enterprise, up and  
down the supply chain







Designcenter

# **Most comprehensive**

On-demand access to the most complete suite of product engineering capabilities with reusable token licensing

Best-in-class integration with simulation, manufacturing, electronics, electrical, and lifecycle management

Continuous innovation in artificial intelligence, immersive engineering, global collaboration and more



## Designcenter **Unmatched flexibility**

Match your design mode to your needs – direct, ordered, or synchronous

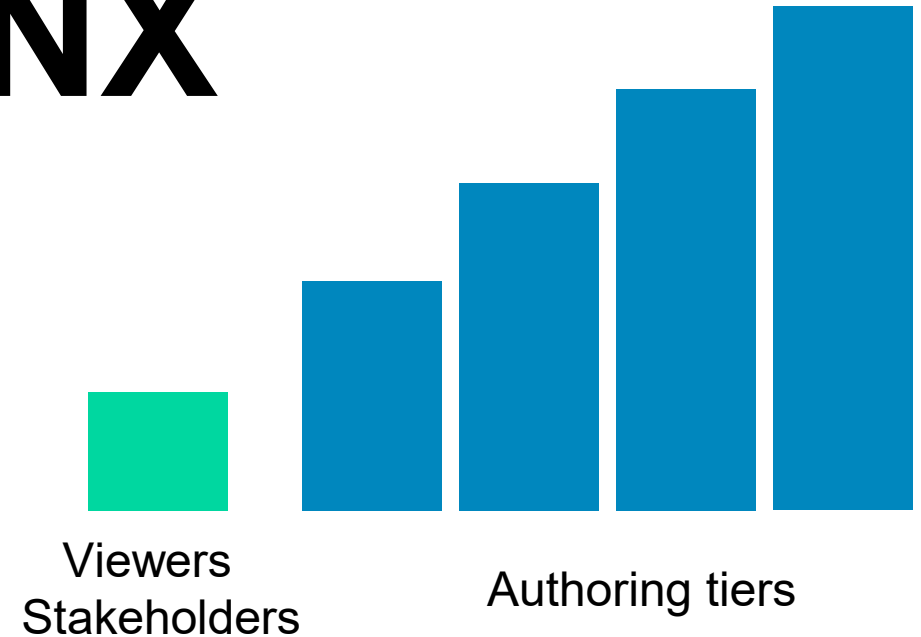
Customize your workflows to your business processes – leveraging Siemens Xcelerator, third-party products, or your own code

Take advantage of integrated domain-based capabilities and solutions, with seamless data transfer and unparalleled collaboration

Easily exchange data between systems, thanks to our unparalleled commitment to openness

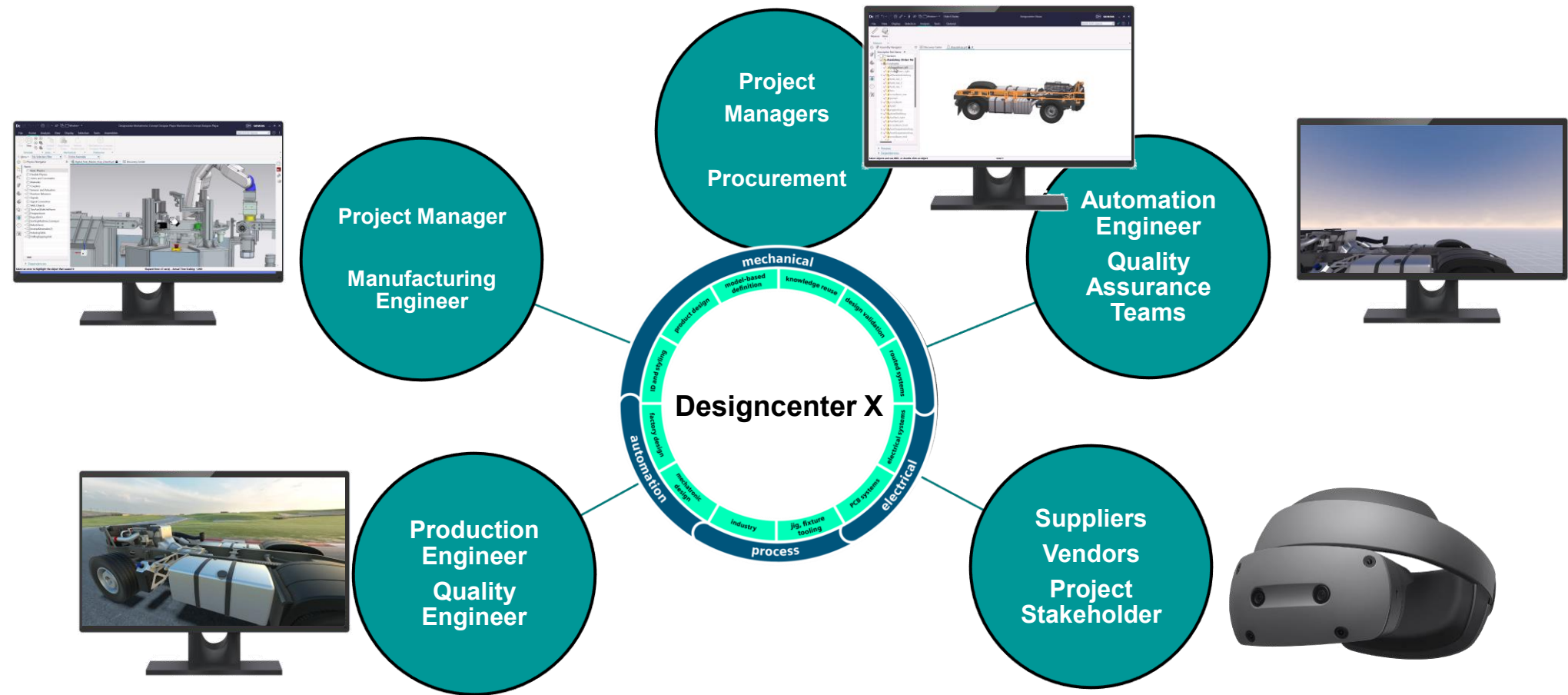
# Designcenter X NX Team Connect

Design inspection, validation, decision making for desktop and browser



# Grow your Designcenter X Ecosystem to new persona with Team Connect

Connect people, departments and teams to make instant decisions on your designs



Globally connect, instantly collaborate, discover and make decisions without IT complexity



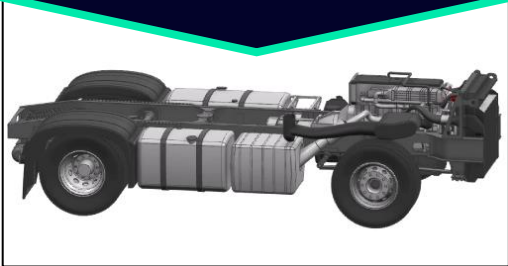
# Designcenter X NX Team Connect

For design viewers and stakeholders

## Designcenter X NX Team Connect

### Design Viewer

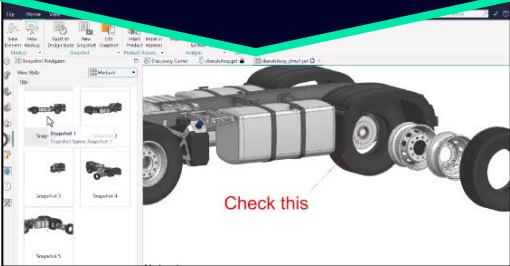
Validation, virtual commissioning, sign-off, training, ergonomics



**Included with seat**  
Desktop viewer for assemblies, parts and drawings.

### DMU & Markup

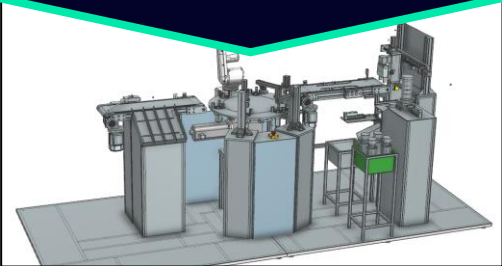
Design review prep  
Snapshot creation  
Mark-up & configuration



**Value Based Licensing**  
Prepare for design reviews through DMU snapshots and markup

### MCD Player


Lightweight simulation  
Review machine motion and kinematics



**Included with seat**  
Lightweight desktop simulation tool for validating mechatronics designs

### Immersive Engineering

Iterate faster, more designs and more stakeholders



**Value Based Licensing**  
Immersive Design Review and Collaboration for engineering stakeholders.

Note: for any Teamcenter or Teamcenter X connection a separate license is required. BiDM is not currently supported

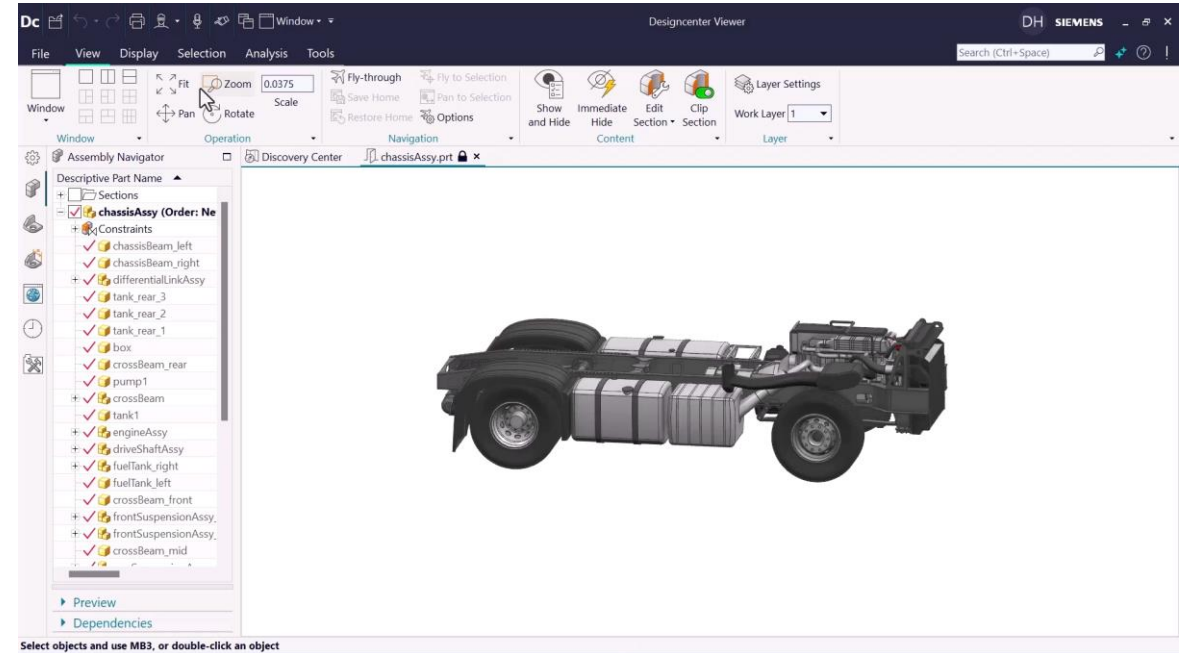
# Desktop Design Viewer

Lightweight cost-effective desktop viewer tool for viewing native NX assemblies, parts and drawings without requiring a full tier licence.

Designed for users across departments – including those with no CAD experience, it offers intuitive navigation, accurate measurement of geometry and dynamic high fidelity viewing capabilities.

Configurable to launch from Teamcenter and Teamcenter X with easy access to add-on capabilities such as immersive engineering and DMU.

Value based licensing enables single-click launch into Immersive Engineering directly from viewport in full visual fidelity.



# Desktop DMU & Markup

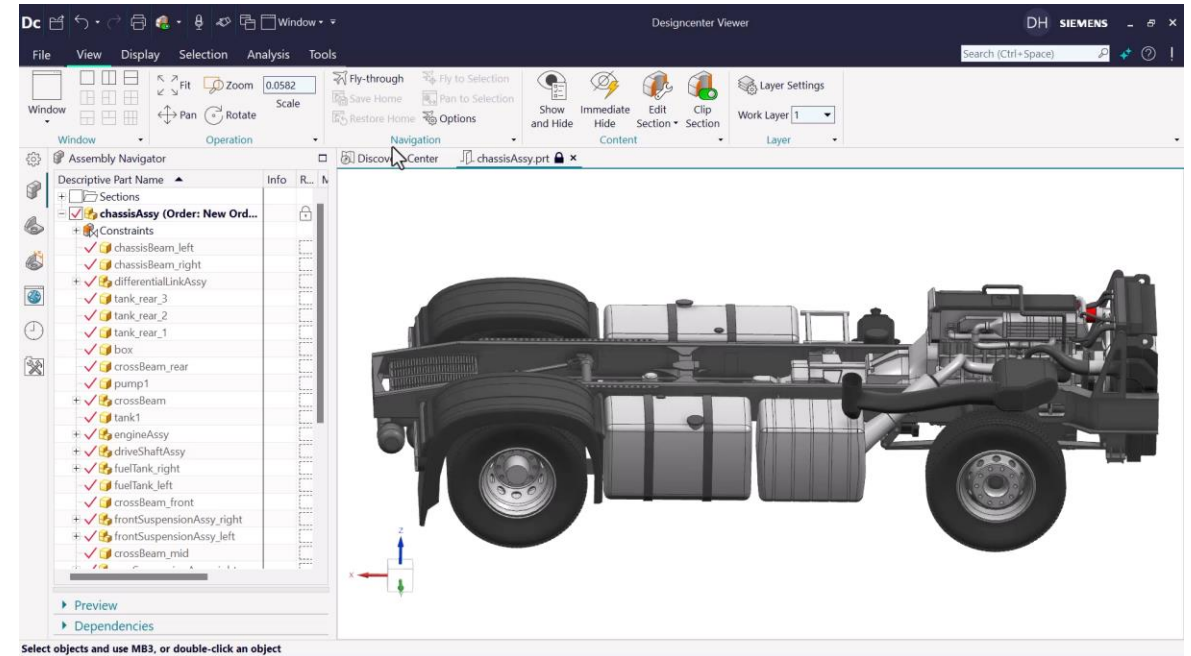
## Value Based Licensing

Digital Mockup (DMU) provides tools and an exploratory design environment for preparing design reviews.

Simply create a DMU assembly type (workset) or open an existing DMU workset. The DMU assembly contains the displayed part as a child assembly.

You can save snapshots of selected properties that are displayed in the graphics window.

Manipulate the DMU assembly components and take different snapshots of them without affecting the original design assembly. Capture view orientation, component positions and visibility, sections and measurements.



# Desktop MCD Player

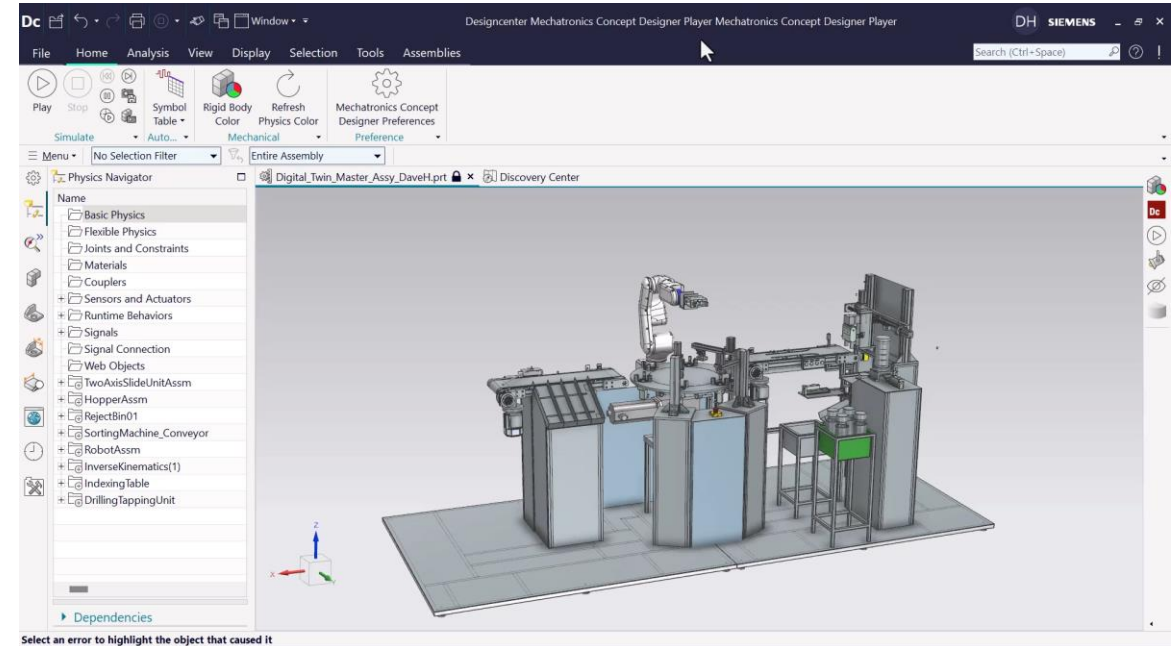
## Lightweight simulation tool for engineering stakeholders

MCD Player is a lightweight simulation tool allows engineers to visualize and validate mechatronic machine behaviour without needing a full MCD environment.

Designers, stakeholders and commissioning teams can review machine motion, kinematics, and logic execution interactively in a simple interface.

MCD Player can load preconfigured simulation files and run them with real-time playback controls, to observe sequences, check collision-free movements, and verify PLC logic integration.

Ideal for design reviews, training, and collaboration.





# Immersive Engineering

## VBL access to immersive design review and collaboration

### Immersive Design Review

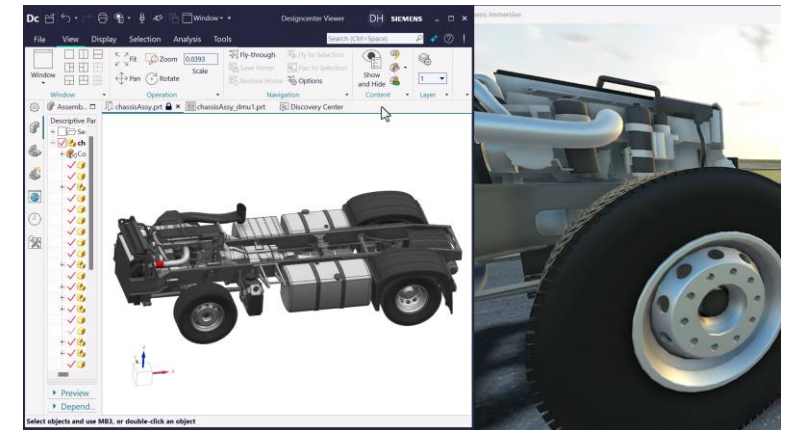
Validation, virtual commissioning and sign-off.

Seamless Design connection with markup, sections, snapshots and live design to immersive updates.

### Immersive Collaborator

Iterate faster, more designs and more stakeholders.

Create and join immersive meetings with just a few clicks powered by Designcenter X cloud services. Users can collaborate in VR or through 2D desktop mode, no need for a headset.



# Introducing Designcenter X NX Team Connect

Enabling engineering team stakeholders to connect and collaborate on designs

## Designcenter X NX Team Connect

Gives engineering stakeholders direct access to 3D design models for detailed design inspection, validation and informed decision making across desktop and browser, without requiring full authoring capabilities.

## Value based add-ons

In addition to design viewing and MCD player the Team Connect seat supports access to Immersive Engineering, DMU & Markup and MBD Review capabilities via existing VBL.

## Benefits

Brings enhanced collaboration, optimized teamworking and streamlined workflows with direct access to Designcenter part data.



# Team Connect Technical considerations

## Data Management

- Can be configured natively, with on-prem Teamcenter and with Teamcenter X Std/Adv/Prem
- For any Teamcenter or Teamcenter X connection, user needs a Teamcenter licence.

## Release schedule

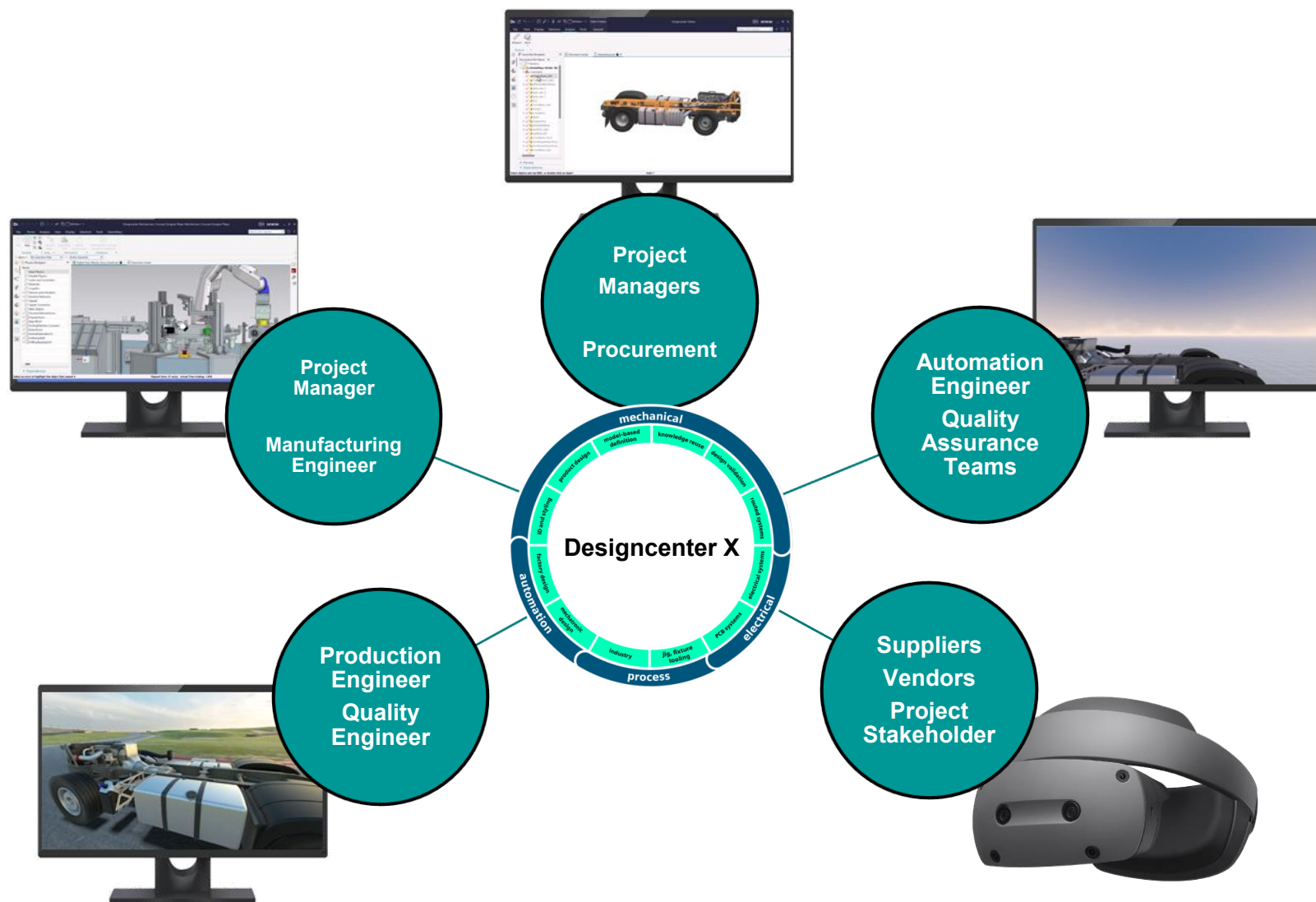
- Desktop production release 2512.
- Browser capabilities plan to start previewing in 2512 timeline, 2606 launch target
- Browser CAD capabilities will be integrated directly into Teamcenter X Active Workspace.

## 2512 Caveats

- **Team Connect does not support Built-in Data Management / Teamcenter X Essentials**
- MCD Player does not support Immersive Engineering
- DMU add-on does not support Immersive live updates

## Launch command line switches

- Use -view to launch NX X in viewer mode
- Use -mechatronicsplayer to launch NX X in mcd player mode



## Designcenter X NX Team Connect benefits

**Include more stakeholders in  
your design processes**

**Faster decision making and  
better designs**

**Shift left your design to  
manufacturing**





#NXMakesItReal

# Contact

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# Disclaimer

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