Cloud Connected Workflows

Timuçin Ersin Taşdemir
Technical Sales Specialist Manufacturing, Turkey
Class Objectives

Connect PDMC to the Cloud

1. Increase your Team Collaboration

2. Unleash the Infinite Computing

3. Evangelize the use of the products inside the PDMC
Positioning the Cloud Autodesk Solutions
Current standard collaboration tools
AUTOCAD mobile app
AutoCAD including specialized toolsets

Subscribers get access to industry-specific toolsets

AUTOCAD 2019
AutoCAD web & mobile apps

Work anytime, anywhere

Edit, create, and view CAD drawings in a simplified web interface from any computer with the AutoCAD web app.

View, edit, create, and share CAD drawings anytime, anywhere with the AutoCAD mobile app.
Connected AutoCAD

Cohesive Across Platforms
Work anytime, anywhere

Stay on top of your projects at home or on the jobsite.

Edit, annotate, create, and view your DWGs to extend your workflows beyond your desk.

The power, reliability, and familiarity of the AutoCAD core engine.
AUTODESK® AUTOCAD® mobile app
Shared View
Get feedback on Work in Process – Challenge

Positioning of the Shared View

Design Engineer

Share & collaborate on CAD files and/or PDF/ DWF files

Customers

Suppliers

Shop Floor
Simplify and Speed up Review Cycles

Shared View Mechanism

Design Engineer

Share & collaborate on visual representation

Customers

Suppliers

Shopfloor
Shared Views Workflow

Mechanism of the Shared View

Design Engineer
Publish Views & Share

Reviewer
Access Views & Comments

Design Engineer
Reply & Resolve
Shared View

- Create and Share viewable to Autodesk Viewer
  - Unique URL with 30-day expiration
- Activity feed in-product panel
- Same experience across Autodesk Products:
  - AutoCAD
  - Vault
  - Inventor
  - Civil 3D
  - Alias
  - Plant3D
  - DelCAM
  - Moldflow
  - 3ds Max
  - Infraworks
  - Alias
  - Plant3D
  - DelCAM
  - Moldflow
  - 3ds Max
  - Infraworks
Autodesk Drive and Desktop Connector
Autodesk Drive and Desktop Connector

- Subscription service
- CAD-aware cloud storage for individuals and small teams
- Supports over 60 types of Autodesk and 3rd party files
- View and organize files stored in Autodesk Drive from your desktop
Desktop Connector

CLOUD CONNECTED

Autodesk Desktop Connector
Creates ‘drives’ within Explorer, to directly work, open, save pack and go to / from Autodesk Drive, BIM360 Team & Fusion Team
Drive and Desktop Connector

Web Access

Desktop Access
Key Benefit: Sharing with Colleagues & Stakeholders

Data Sharing

View Sharing & Downloading
Autodesk Drive & Fusion Team

Positioning Comparison

- Subscription benefit for individual
- 25Gb of storage
- Simple solution, low barrier to entry
- Design sharing with customers/stakeholders
- More details here

- Commercial solution for teams
- 500Gb of storage per user
- Project based administration with permission models
- Design collaboration with markup, commenting, and live review
- Integrates with Fusion 360 & AnyCAD
- More details here
Inventor and Fusion 360 AnyCAD
How does it work?

- Insert .fusiondesign into Inventor
  - Consume updates
- Insert .ipt into Fusion 360
  - Consume updates
Autodesk Desktop Connector
Download from Fusion Team
Inventor and Fusion 360 AnyCAD Preview

- Conceptual design
- Industrial design
- Mesh & reverse engineering
- Advanced SIM
- Advanced CAM
- ECAD with Fusion 360+ Eagle

- Large assembly design
- Mechanical design (frames, machinery, adv sheet metal, routed systems)
- BIM content creation
- Design automation
- Factory layout
Laser scanning in ReCap Pro

Scans → Point clouds → 3D meshes → AUTODESK RECAP PHOTO
Acquiring data

CAPTURE

COMPUTE

CREATE
Recap Photo

- No need of credits with Subscription
  - 1 to 300 photos will use 12 cloud credits.
  - 301 to 700 photos will use 30 cloud credits.
  - 701 to 1,000 photos will use 55 cloud credits.
- Upload limit 300 photos for Object
- Upload limit 1000 photos for Aerial Project
- Credit consumption
Supported Application

NFMAR
How to use it – Credits base service
Autodesk Account

How to buy credits

Cloud Services Usage

Individual Cloud Credits

Get Individual Credits

Add Cloud Credits 100 pack

Cloud Credits 100 pack - €140,00

Purchase additional usage-based cloud credits for creating large photorealistic renderings or performing compute-intensive simulations in the cloud. Cloud credits expire 12 months from purchase.

Quantity: 1

Subtotal ex. VAT: €115,00
Estimated Total VAT: €25,30
Subtotal: €140,30

Continue
Fusion 360
Cloud Solving
Fusion 360 – Cloud solving

Based on credits
Cloud Credits

How is it consumed…

- Simulation Credits
  - 5 Credits Cloud
  - 15 Credits Cloud
  - Free Credit Cloud as a preview

- Rendering Credit
  - 1 Cloud for 1Mo

- More info here.

- For Unlimited Cloud Credit: Associated your account with a student one!
  - More info here