



NCDOT ProjectWise Update

December 2019

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Agenda

What IS ProjectWise?

**ProjectWise is a managed storage & collaboration space for
Computer Aided Design (CADD) files**

Why move to ProjectWise?

What's the plan?

How do I get started with ProjectWise?

- Licensing & Access
- Using the tools
- Training & Support





Why move to ProjectWise?

ProjectWise will help us better address the **NEEDS** of our **CADD Designers**....

We need to

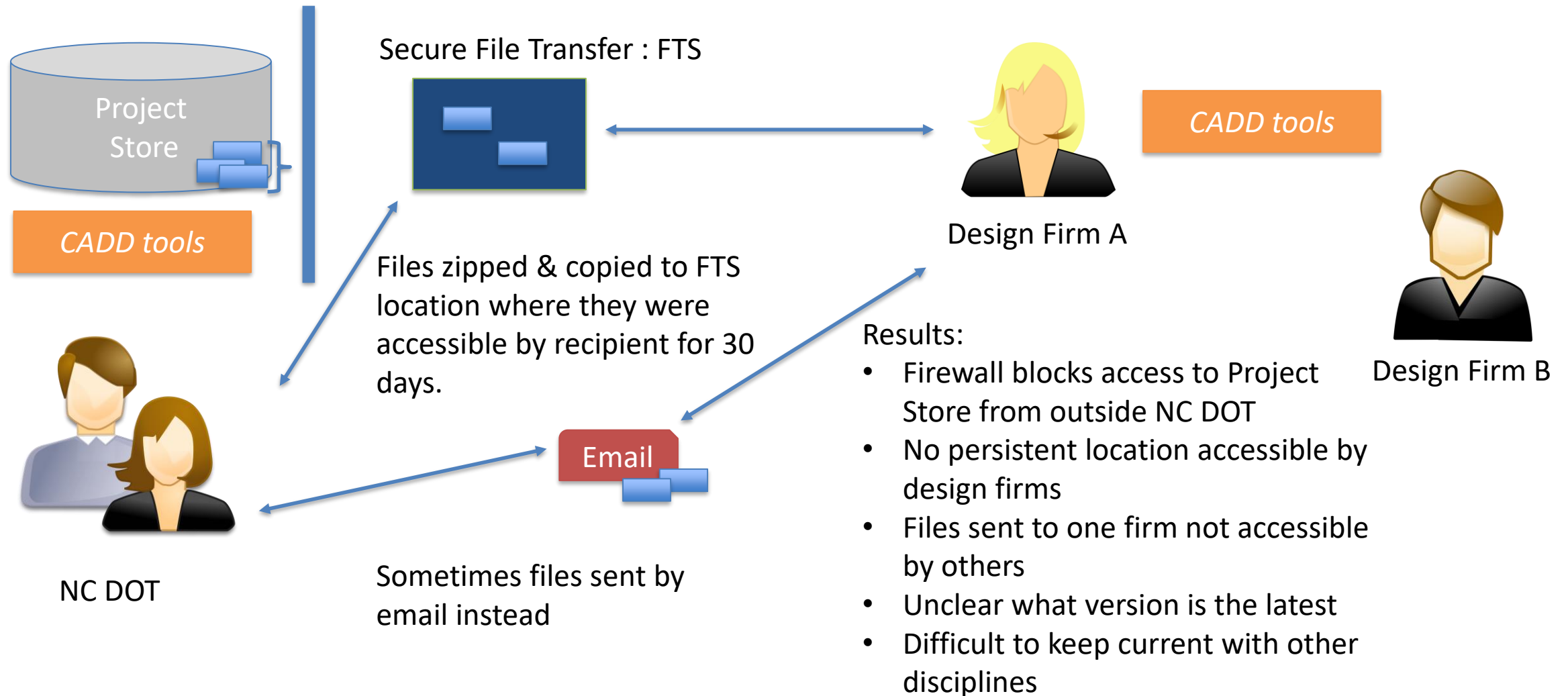
- Collaborate on design work between DOT and multiple firms on a given project
- See design work in other disciplines
- Share CADD design files & their references
- Facilitate the design review cycle
- Deliver plan sets at milestones
- Minimize time spent packaging/unpackaging files for distribution





Evolution of Project Collaboration at NC DOT

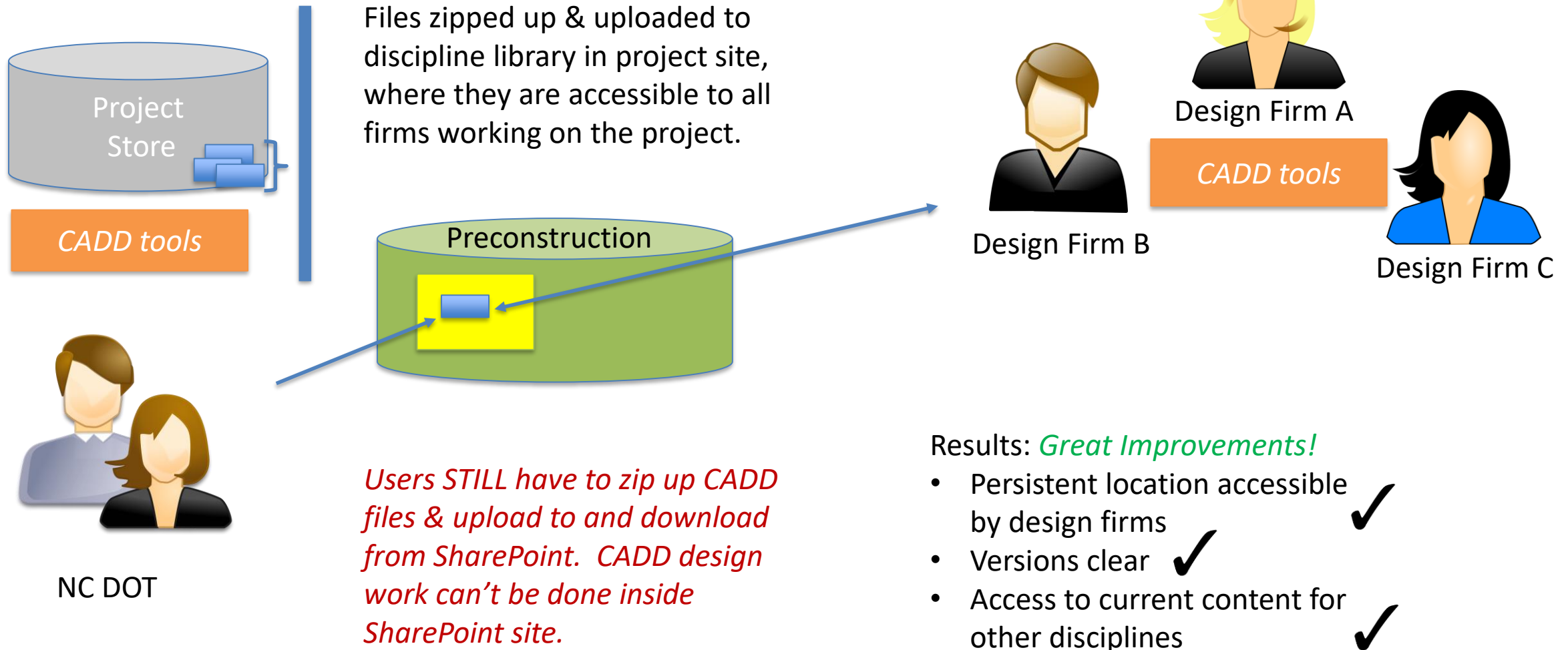
FTS & Email





Evolution of Project Collaboration at NC DOT

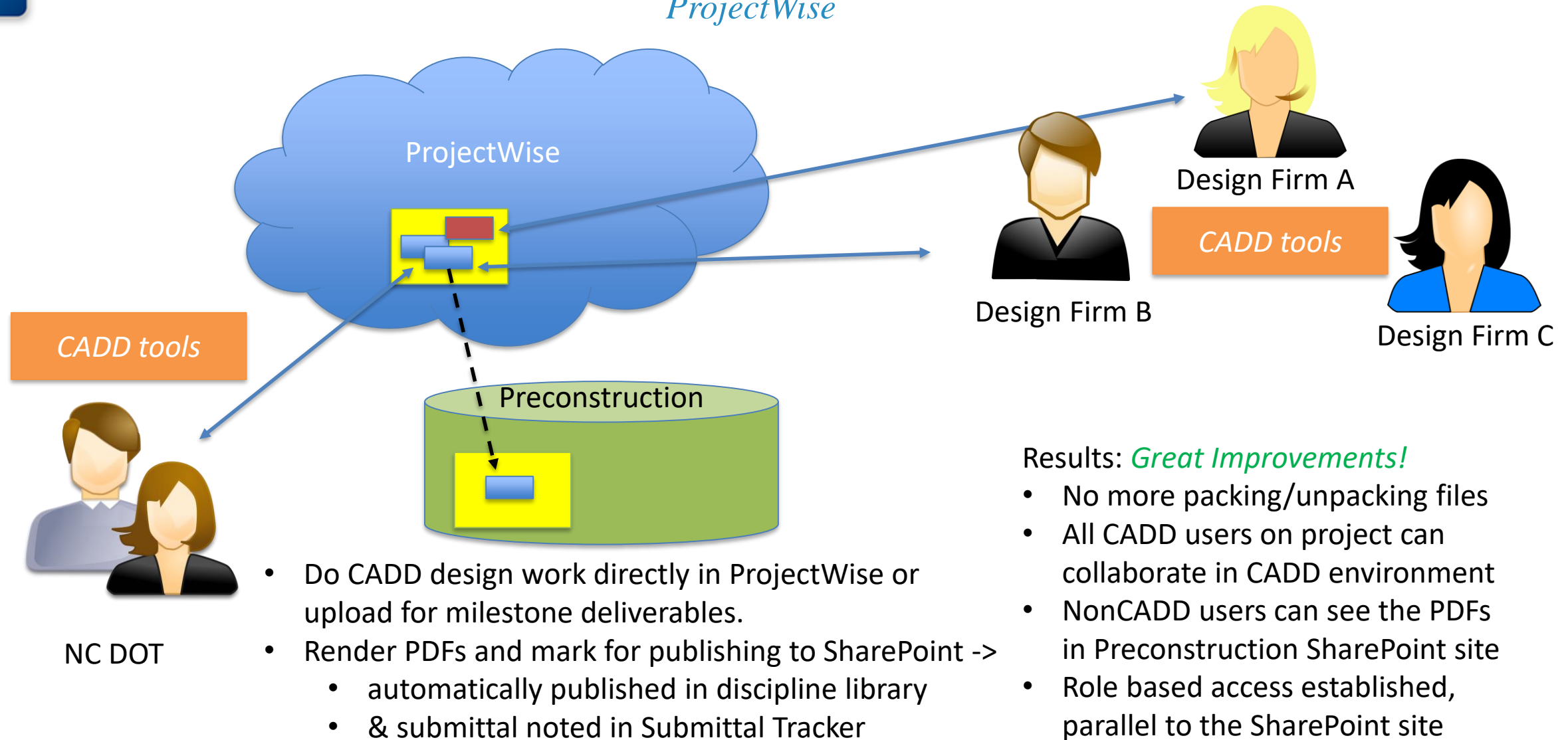
Preconstruction Project Sites in SharePoint





Evolution of Project Collaboration at NC DOT

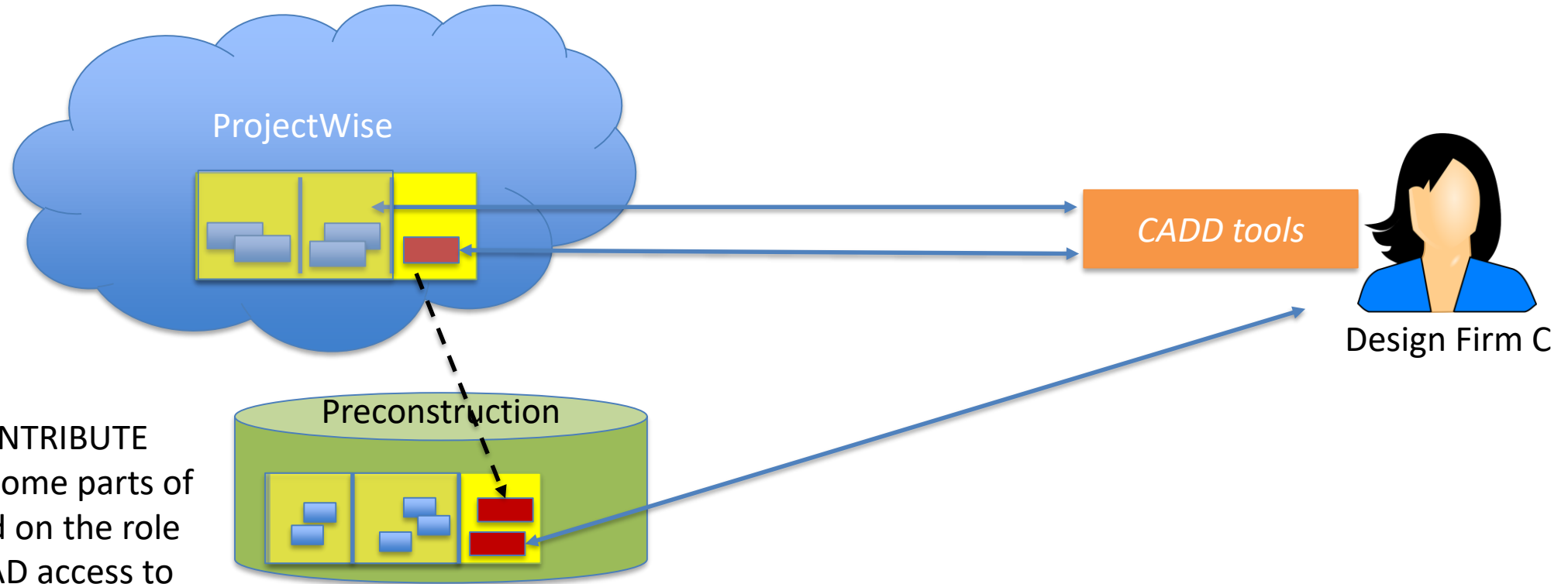
ProjectWise





Evolution of Project Collaboration at NC DOT

Role based access to ProjectWise and Preconstruction



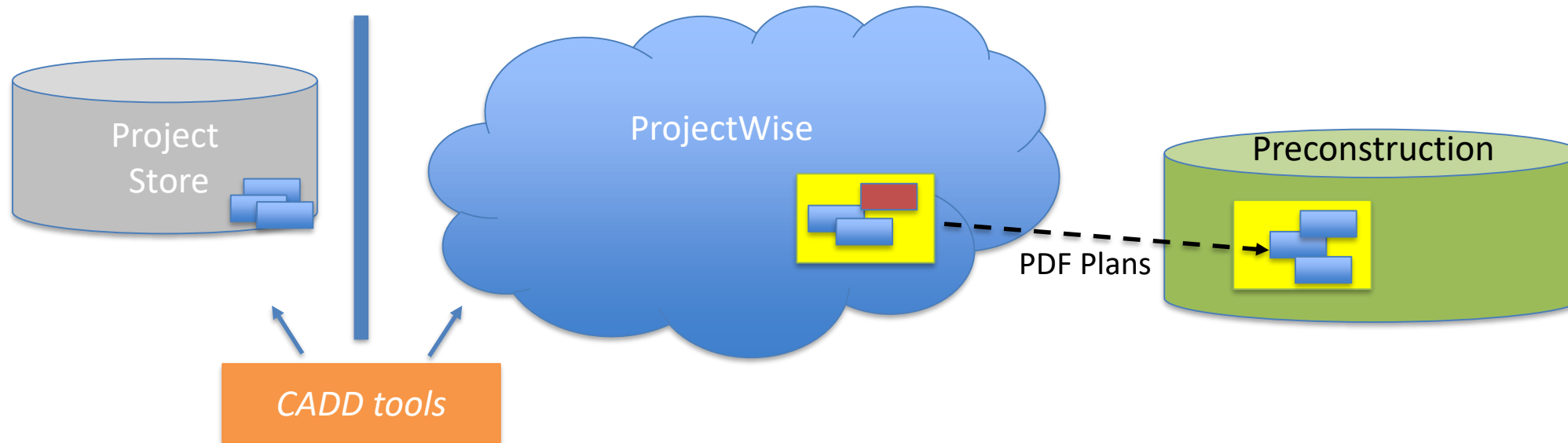
- Each firm has CONTRIBUTE (R/W) access to some parts of the project based on the role assigned and READ access to the rest of the project.
- All project team members can see the current state of the entire project

- The same variation in access rights applies to the Preconstruction project site in SharePoint



What goes where? Who uses what?

ProjectWise + SharePoint



NC DOT

CADD Designers: PROJECTWISE

- As new projects begin (or old ones transition) CADD Design Users will work in ProjectWise.
- Existing projects will remain in Project Store unless transitioned

All other users: SHAREPOINT

- All Preconstruction deliverables (including PDF versions of the plans) will be stored in the Preconstruction project site

Legend:

- Not using
- Using
- Starting



ProjectWise Rollout Plan

Initial Phase: 10/2018 – 12/2019

- 10 Pilot Projects have used ProjectWise for the past year (in Production) for at least Roadway Design
- Configuration of folders & attributes for Roadway Design
- Initial configuration of folders for other disciplines, attribute configuration under way

Transition Phase: **Begins January 2020**

- All **new** Preconstruction projects will be set up in ProjectWise – *not in Project Store*
- Existing projects:
 - Preconstruction projects currently underway **may** be transitioned into ProjectWise by the Project Manager (not an automated process)
 - Otherwise, existing projects will remain in Project Store
- Configuration folders and attributes continues for other design disciplines



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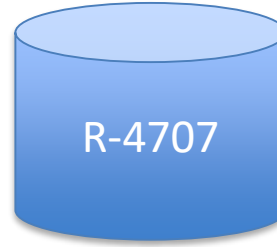
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Structures

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How do I get started with ProjectWise?

Licensing and Access

One Time Setup

What's needed

Professional Engineering Firm

NCDOT

License to use the ProjectWise application

Obtain and use *Bentley Connection Passport* for ProjectWise access

Enterprise License Agreement in place. *Users login to Bentley Connection client with dot email & leave password blank.*

Access to NCDOT ProjectWise cloud

Firms will be asked to identify the ProjectWise users (a subset of the users with access to Preconstruction projects on SharePoint). *NCDOT requires name, email and NCID for each.*

Existing CADD users will be granted access automatically.

Access to specific NCDOT projects

NCDOT PM will grant access to firms for specific roles – for both Preconstruction SharePoint & ProjectWise

Access granted automatically based on unit.



How do I get started with ProjectWise?...

What's needed

Example: Firm ABC

Permission to use
ProjectWise in Bentley
cloud

Firm ABC obtains one or more Bentley Connection Passport licenses.

Access to NCDOT
ProjectWise cloud

Firm ABC

- Provides name, email & NCID for new users (any without existing access to Preconstruction in SharePoint)
- Identifies which users need access to NCDOT ProjectWise projects

NCDOT admin staff sets up user logins

Access to specific
NCDOT projects

When NCDOT PM grants access to a project in SharePoint, the corresponding access will be granted in ProjectWise.

Ex. PM grants ABC "Roadway Design" access to project U-5000 --- access is granted in both



How do I get started with ProjectWise?

Using the Tool

Once licensing & access has been established....

(1) Login to **Bentley Connection Client**

CONNECTION Client

Bentley

Sign In

Email

bledwards1@ncdot.gov

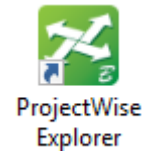
Password

Sign In

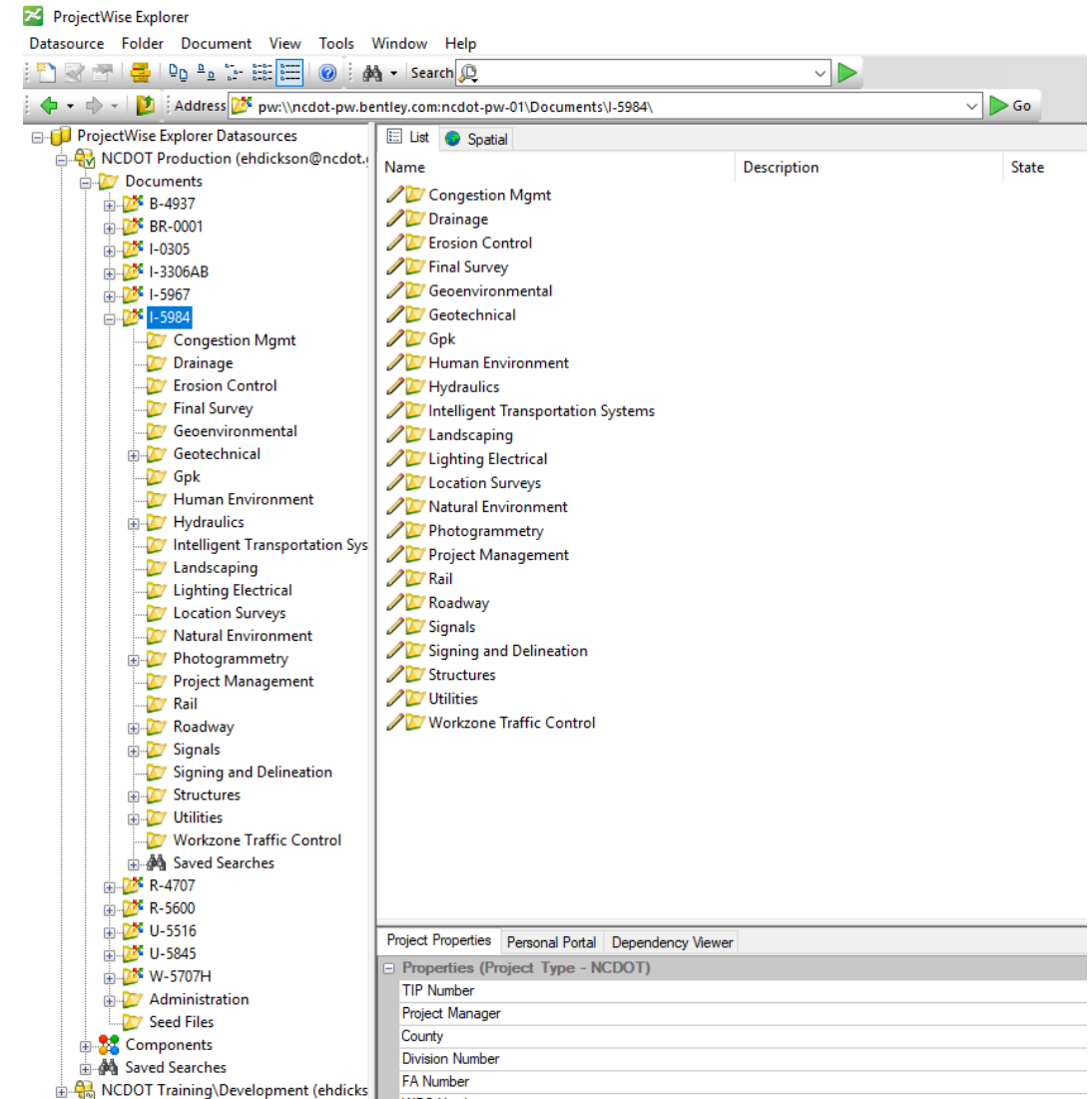
Forgot password?

New User? Register Now

(2) Use **ProjectWise Explorer**



(3) Navigate to the project
you're working on





How do I get started with ProjectWise?

Training & Support

Minimal training needed as folder structure is similar to previous use.
Overviews / reference materials are available from the web site.

Information: See Resources for CADD Consultants on connect:

<https://connect.ncdot.gov/resources/CADD>

And the specific ProjectWise resource page:

<https://connect.ncdot.gov/resources/CADD/Pages/ProjectWise.aspx>

Questions & Problems Email to DOT ProjectWise support: dot.pwsupport@ncdot.gov



More Info