

# Walk-in Slide: AU 2014 Social Media Feed

1. Click on the link below, this will open your web browser



<http://aucache.autodesk.com/social/visualization.html>

2. Use “Extended Display” to project the website on screen if you plan to work on your computer. Use “Duplicate” to display same image on screen and computer.

# CM6386: Moving Data to the Cloud

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Mead & Hunt  
Vice President of IT

**Dan Dankert**  
Mead & Hunt  
CAD/BIM/VDC Manager

AUTODESK®



# Who we are:

- Planning, design, construction management and operations firm
- Over 500 employees
- \$78 million in revenues in fiscal year 2013
- More than 30 offices nationwide
- Nationwide service area with clients in almost every state
- Employee-owned corporation

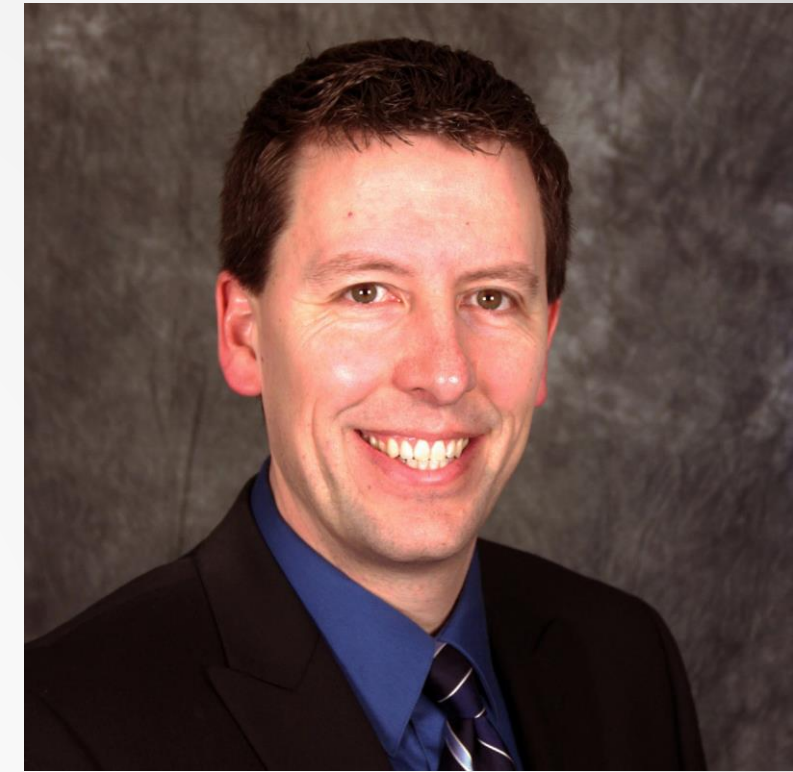


Air Service  
Architecture  
Construction Services  
Engineering  
Environmental  
Historic Preservation  
Planning  
Program Management  
Operations



# Andy Knauf

- Vice president of IT
- 24 years as the head of the IT Department
- Design, development and implementation of organizational information systems
- Identifying emerging information technologies
- Identification of proactive solutions to satisfy needs
- Oversee the development of mission-critical applications and technology





# Dan Dankert

- CAD/BIM/VDC Manager at Mead & Hunt
- 20 years of experience
- Experience from draftsman to IT Director
- Active member in Wisconsin BIM Managers
- Maintains the internal company:
  - blogs
  - standards
  - training
- Manages Internal Software Champion Teams
- Setup, Supports and Triage Projects
- QAQC Champion



# Key learning objectives

At the end of this class, you will be able to:

- Learn how to go from on-prem storage to cloud storage
- Learn how to get buy-in from management and users
- Learn how to cut the IT budget by moving data to the cloud
- Learn how to save time and man hours with an easy solution that is quickly deployed

# How did we get here?

- Long path to current solution:
  - DFS
  - Peerlock
  - Riverbed SteelHead
  - Cisco WAN Acceleration
  - HP Remote Graphic Servers
  - Mapped Folders across WAN
  - Vault
  - Revit Server
  - VDI
  - Remote workstations



# Expectations of Management

- Reasonable short- and long-term cost
- No Training for employees
- Reliability
- Finding budget from consolidation of systems including backup and archiving
- Transparent





# Expectations of IT

- Quick setup time
- Easy to manage once deployed
- Ease of remote deployment
- Reduced complexity of infrastructure
- Reduction of maintenance tasks
- Singular support path hardware/software
- Built-in fail over capabilities



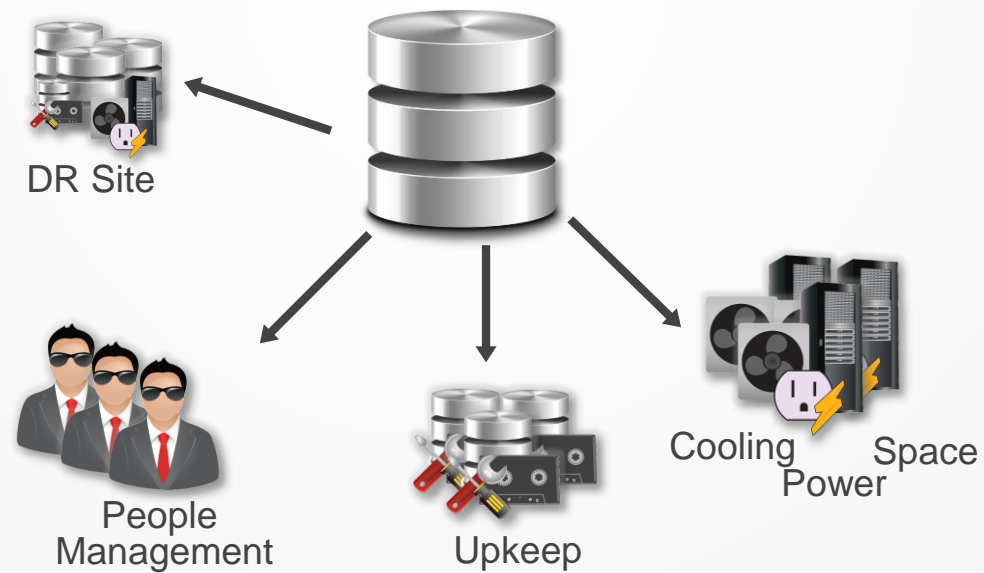
# Expectations of Employees

- Everyone needs to have the same feature rich experience
- Files need to be locked for the entire enterprise
- Fast access to files
- Everyone in the company needs to have the same directory structure
- No downtime
- No change in process within applications
- Works for all applications



# Current Data State

- Data is .....



42 Price Reductions  
65% Reduction  
Road to Zero

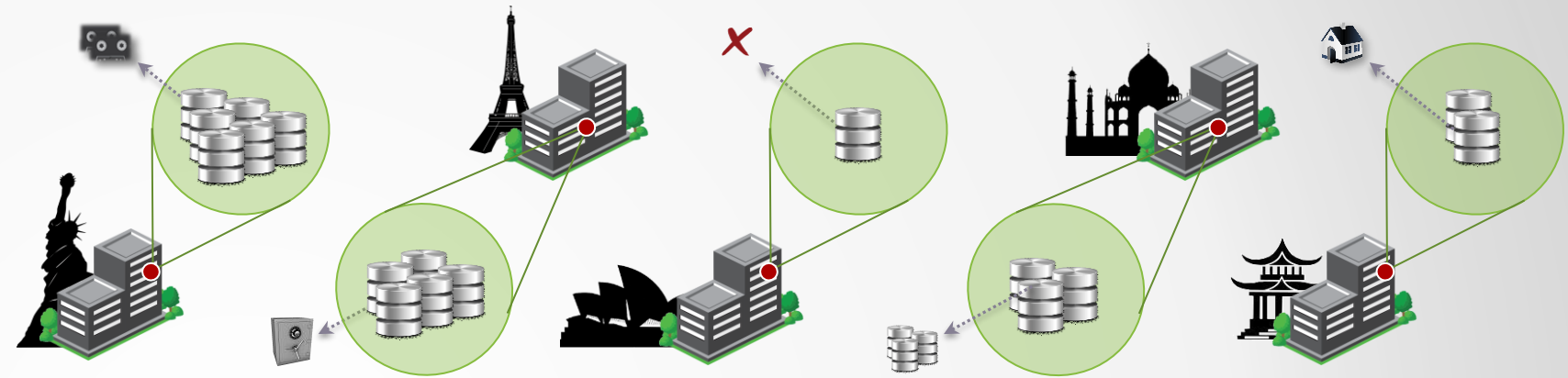


# Global File System

- Traditional solutions

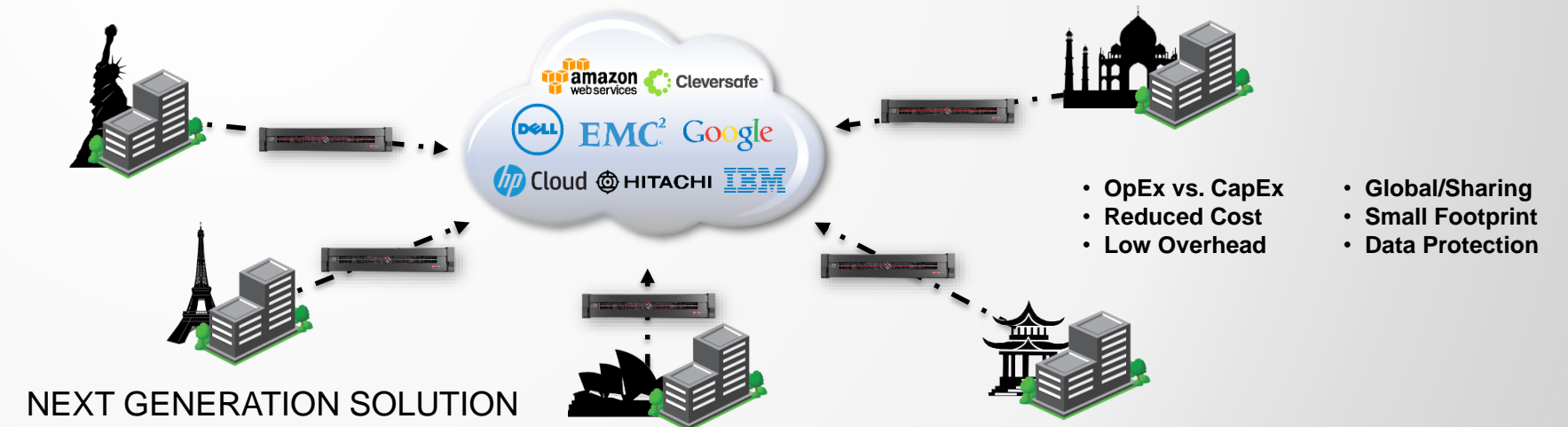
- Limitations
- Complexity

TRADITIONAL SOLUTION



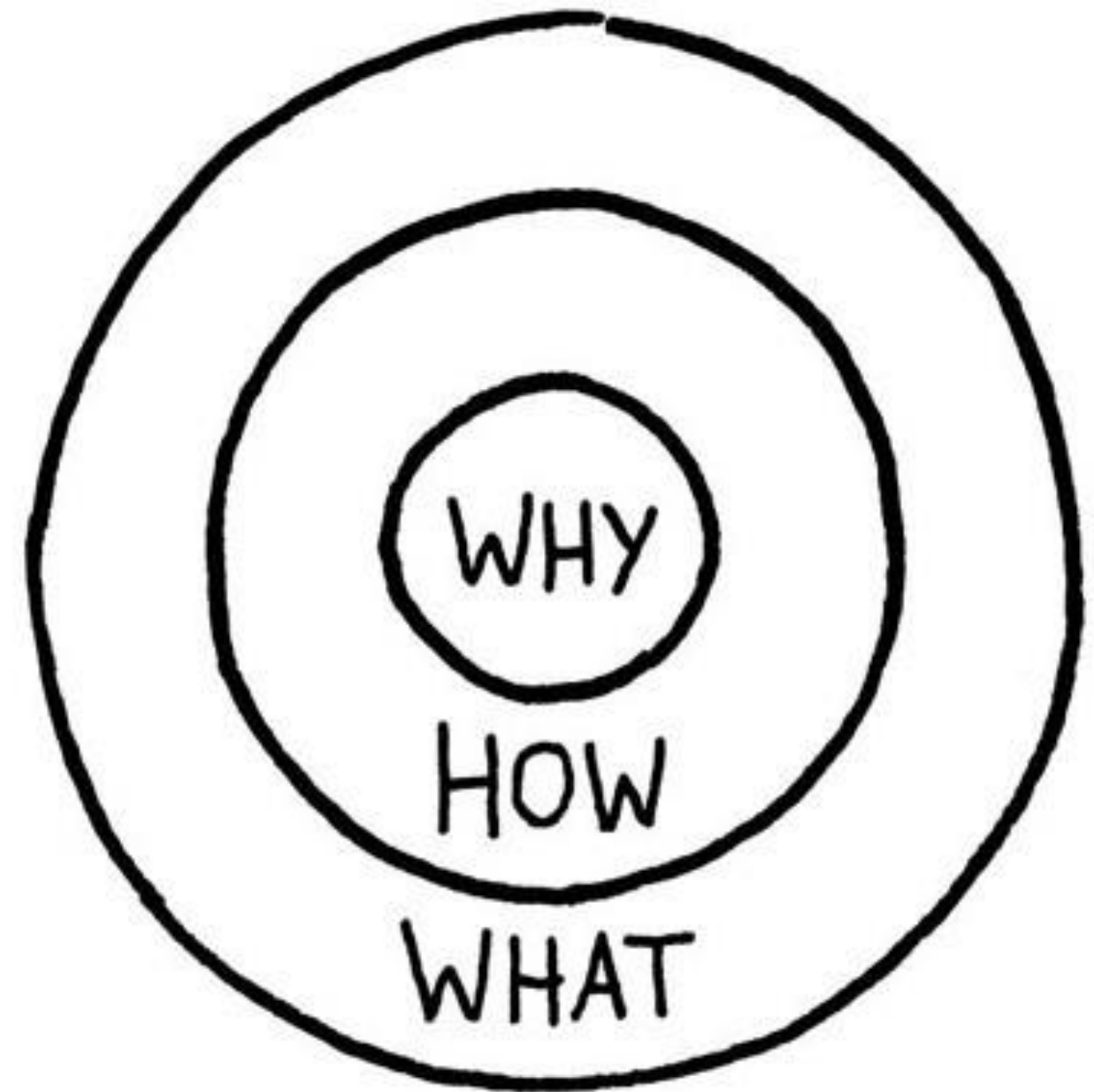
- Next Generation Solutions

- Benefits
- Simplicity



# Why?

- One copy of the data
- One copy of all the data
  - Projects
  - Standards
  - Marketing
- Updated content always available for the entire team
- The correct team on projects
  - Regardless of location
- Centralized management
- Centralized backups
- Cost savings



# Works transparently with Autodesk software

- AutoCAD\Civil 3D
  - Files
  - Sheet Set Manager
  - Data Shortcuts
  - Xrefs
- Revit
  - Central files
  - Linked Revit Files
  - Linked AutoCAD Files
  - Worksharing Monitor



# Measure success with:

- Fewer copies of the data
- Less time spent on incorrect data
- Less time spent finding data
- Less time spent moving data
- Minimize staffing availability concerns
- Restores done by employees
- Less cost in hardware/software
- No stress in adding office locations



# Supplemental discussions

- Knowledge Management
  - Singular location for all communication:
    - News
    - Documents
    - Standards
    - Training

- Lync
  - Singular tool for:
    - Chat
    - Voice
    - Desktop sharing
    - Meetings
  - Works for internal and external team members

The screenshot displays two overlapping windows. The top window is 'THE STATION YOUR KNOWLEDGE CONNECTION', a web portal for knowledge management. It features a navigation menu with 'Knowledge Communities' highlighted. A sidebar lists various user groups, including 'CAD-BIM Lounge', which is highlighted with red arrows. The main content area shows a welcome message for the 'CAD-BIM Lounge' and a post titled 'Revit 2015 for Everyone!'. On the right, there are sections for 'Stay Connected' (with a 'Follow us!' button), 'CAD-BIM Libraries' (listing various resources), and 'CAD-BIM Trending Topics' (listing hashtags like #ABEstandards, #AerialImages, etc.).

The bottom window is a Lync desktop sharing session. It shows a Lync interface with a 'Conversation (4 Participants)' window. The main area displays a complex architectural drawing of a building floor plan, with various rooms and systems labeled. The drawing is being shared from a computer running AutoCAD, as evidenced by the software interface visible around the drawing. The Lync window also shows participant avatars and a 'Request Control' button.

# Class summary

- Centralized storage
- Consistent distributed end user experience
  - CAD and the “File Open Problem”
  - Revit Workshare Working Globally
  - Works with all applications without modification



# Thank You

- Andy Knauf
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  - [twitter.com/dandan\\_2](https://twitter.com/dandan_2)

# Session Feedback

- Via the Survey Stations, email or mobile device
- AU 2014 passes given out each day!
- Best to do it right after the session
- Instructors see results in real-time





A group of four diverse young adults are jumping joyfully in a modern, industrial-style office space. They are all smiling and have their arms outstretched. The background shows a brick wall, string lights, and a desk with a computer monitor displaying a design application. On the left, there is a blue vertical banner with the text 'DESIGN' and 'ERING' and a circular logo with the letter 'B'.

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