SASAKI

The Archives + Knowledge Continuum

Aliza Allen Leventhal
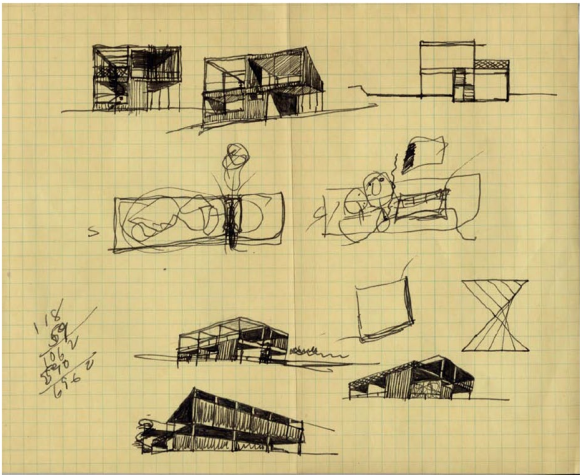
AIA Building Connections Congress 2019

January 7, 2019

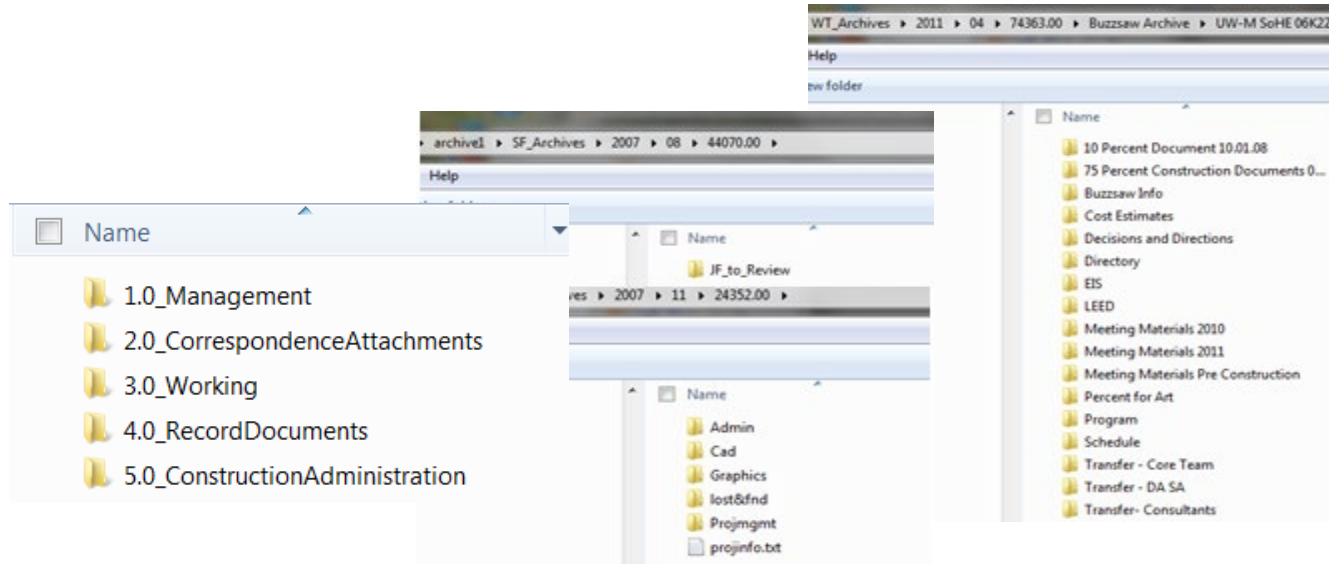# Archives
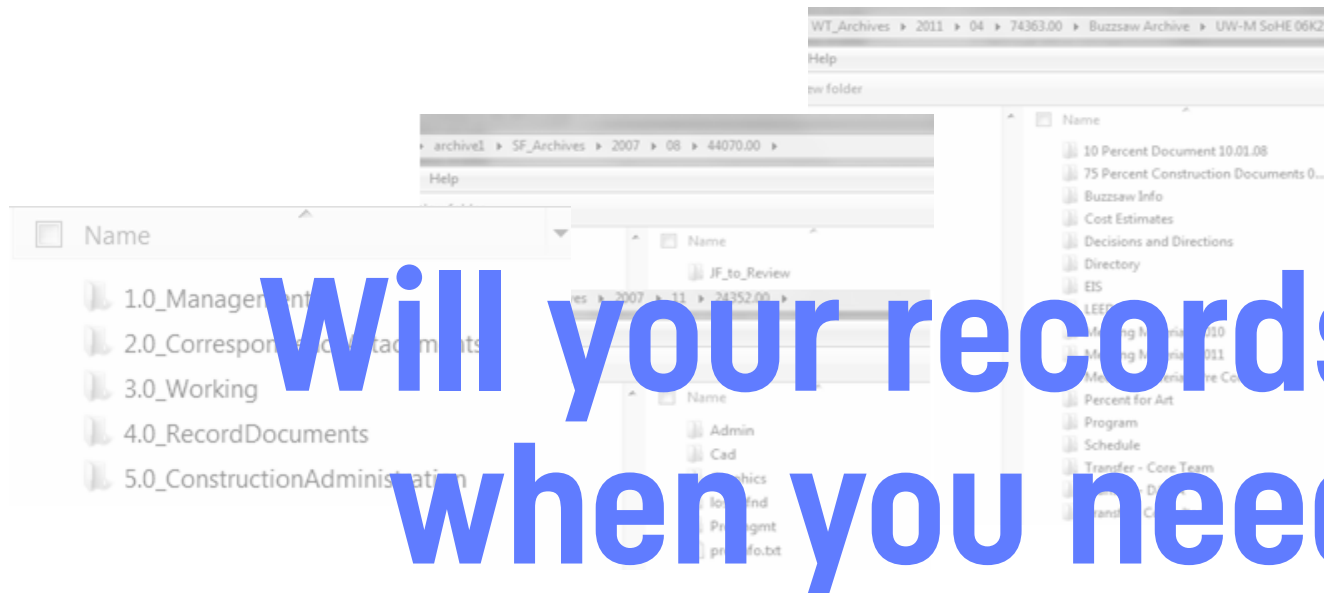
Knowledge Management

COMMON KNOWLEDGE MANAGEMENT PROGRAM ELEMENTS IN AEC FIRMS

ARCHIVES / INSTITUTIONAL MEMORY

Will your records be there when you need them?

- **Projects**

- **Research**

- **Publications**

- **Data**
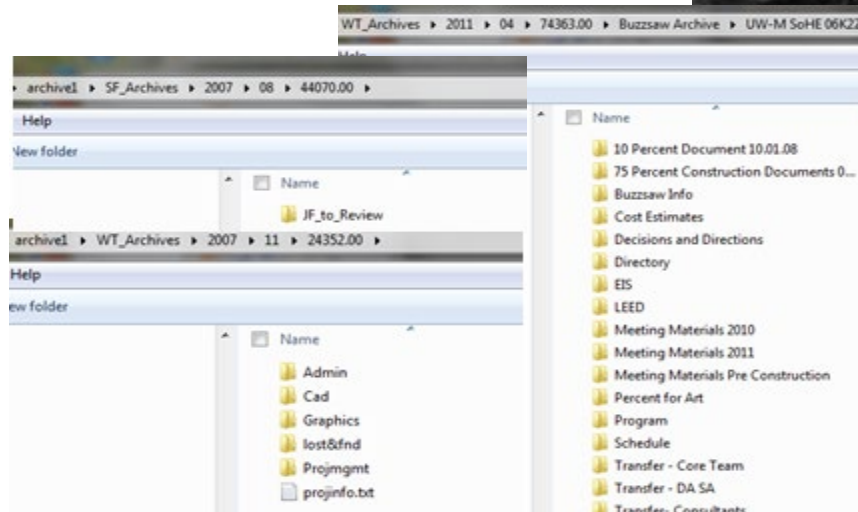
ARCHIVES / INSTITUTIONAL MEMORY
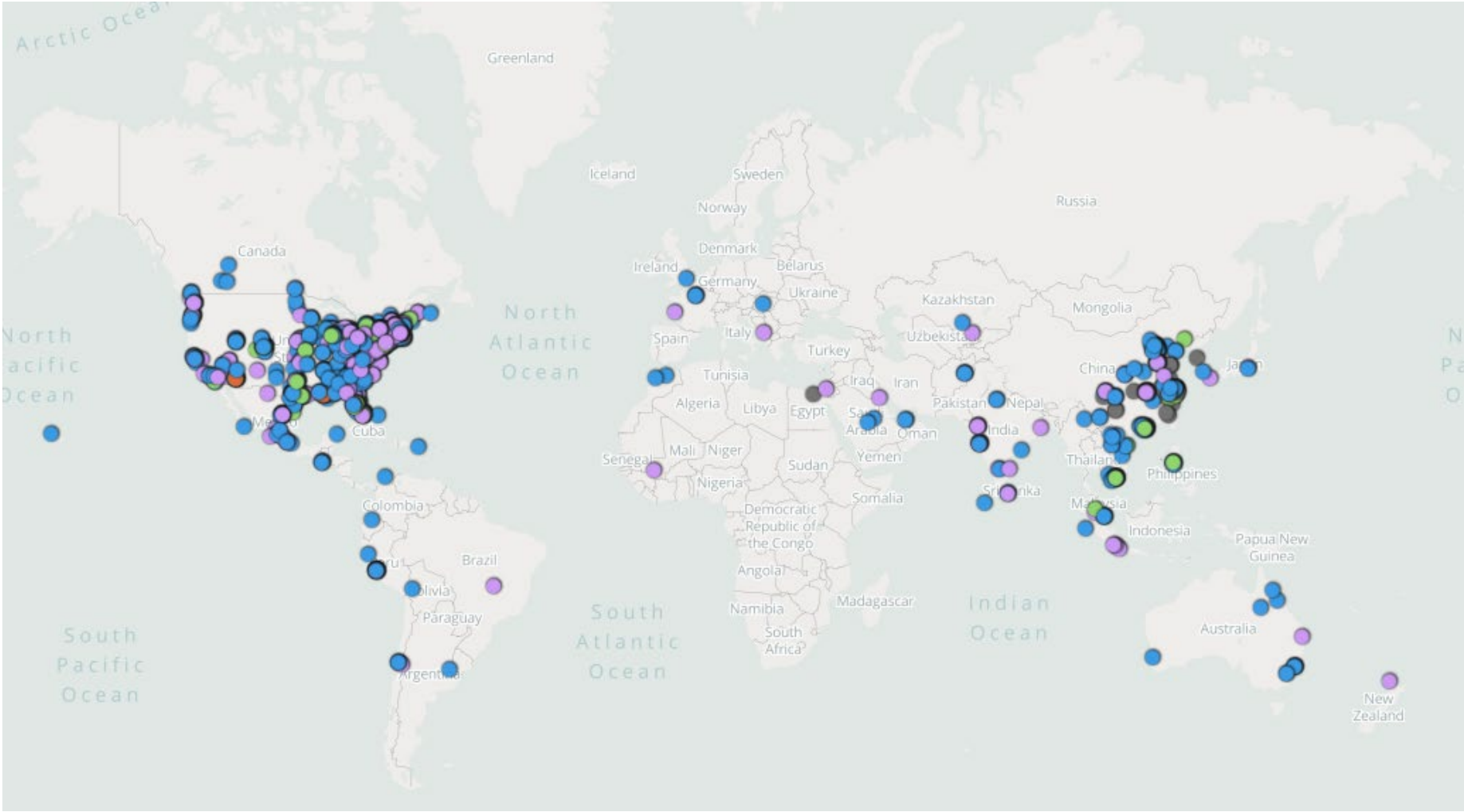
Project Records

Age of Records

What is the creation timeframe of the born digital records?

US

Response	Count		
1980-1985	11	16.2%	
1985-1990	22	32.4%	
1990-1995	30	44.1%	
1995-2000	38	55.9%	
2000-2005	47	69.1%	
2005-2010	51	75.0%	
2010-present	49	72.1%	
Unknown	3	4.4%	
Other, please specify...	11	16.2%	

Total: 68

Norway

8 17 16 27 13 9 7 2   124

0%   25%   50%   75%   100%

■ 1980-2016 ■ 1985-2016 ■ 1990-2016 ■ 1995-2016 ■ 2000-2016 ■ 2005-2016
■ 2010-2016 ■ Ukjent - eventuelt spesifiser:
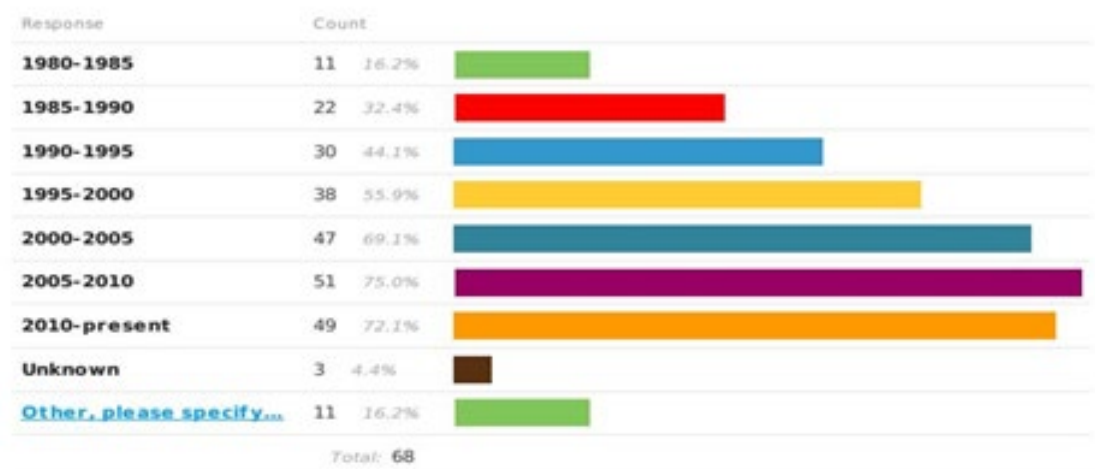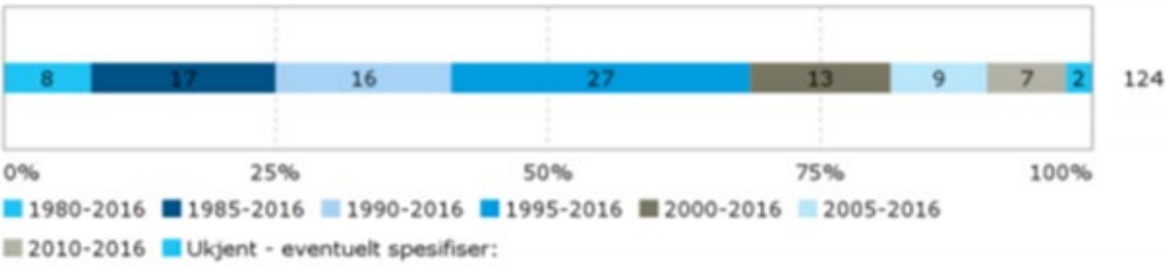
What File Formats do you have in your holdings?
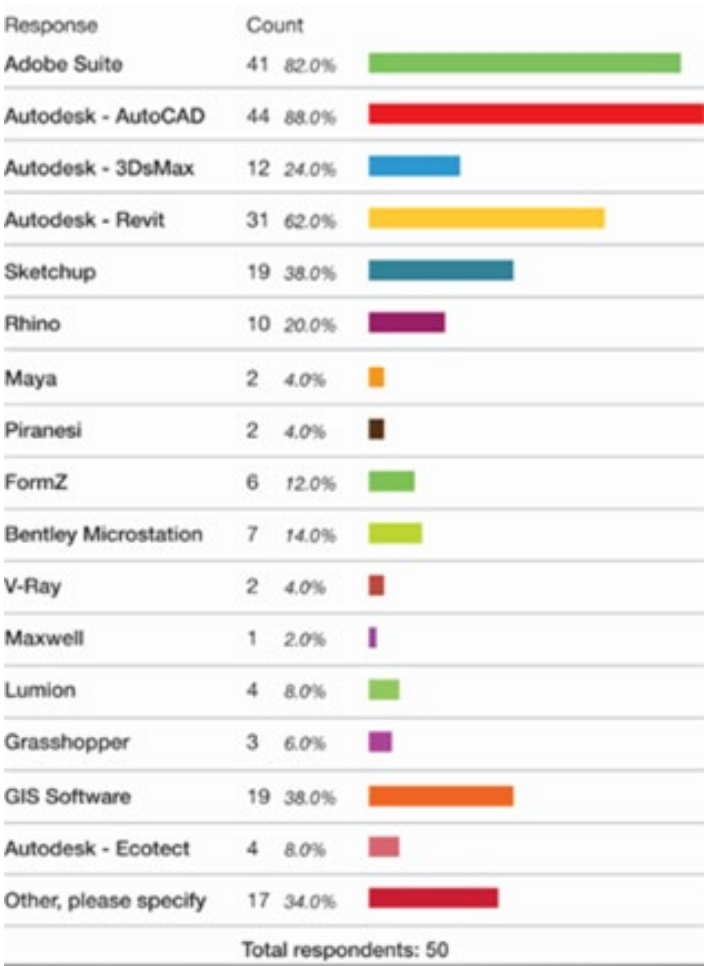
Which software are used for processing digital data?

Response	Count	
Adobe Suite	41	82.0%
Autodesk - AutoCAD	44	88.0%
Autodesk - 3DsMax	12	24.0%
Autodesk - Revit	31	62.0%
Sketchup	19	38.0%
Rhino	10	20.0%
Maya	2	4.0%
Piranesi	2	4.0%
FormZ	6	12.0%
Bentley Microstation	7	14.0%
V-Ray	2	4.0%
Maxwell	1	2.0%
Lumion	4	8.0%
Grasshopper	3	6.0%
GIS Software	19	38.0%
Autodesk - Ecotect	4	8.0%
Other, please specify	17	34.0%

Total respondents: 50

Legend:
- Adobe Suite
- Autodesk
- ArchiCAD
- Autodesk - Revit
- Rhino
- Lumion
- VRay
- Grasshopper
- GIS programvare (Esri, GIS moduler i Autodesk, Intergraph, MapInfo e.l.)
- Annen programvare for å håndtere PDF og/eller PDF/E og 3D PDF
- Annet - spesifisér:

In what capacity are the digital files available to researchers ?

Response	Count		
Digital Files are not accessible to researchers	8	17.0%	
Open web access	6	12.8%	
Reading room access	16	34.0%	
Remote access	9	19.1%	
Files provided directly to researcher on request	30	63.8%	

Total: 47
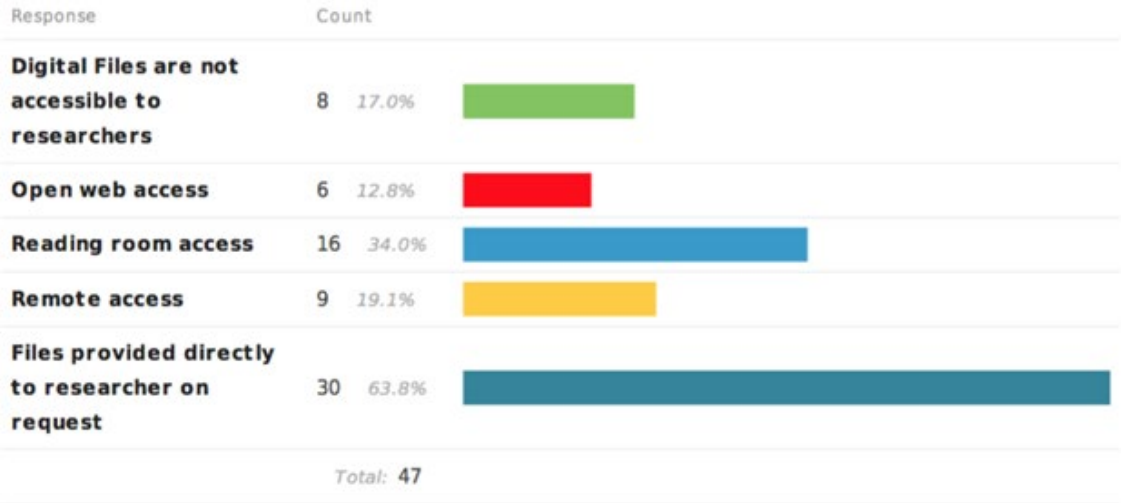
Do you have access to old digital material?

87   4   9   123

0%   25%   50%   75%   100%

■ Ja ■ Nei ■ Hvis nei: Kan dere angi årsak?
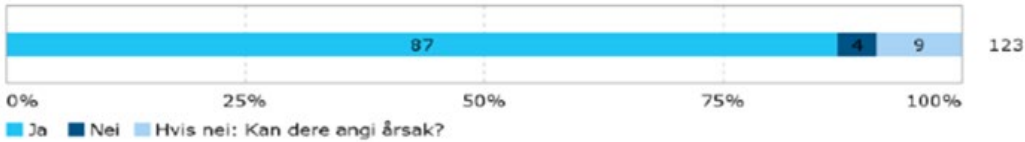
What is the best way of disseminating the preserved material in the future?

32   76   15   97

0%   25%   50%   75%   100%

■ Bevare gammel programvare, for å kunne vise gamle formater
■ Konvertere gamle formater til nye for å visualisere i ny programvare ■ Andre tanker:

Knowledge Management

People

Relationships

Knowledge
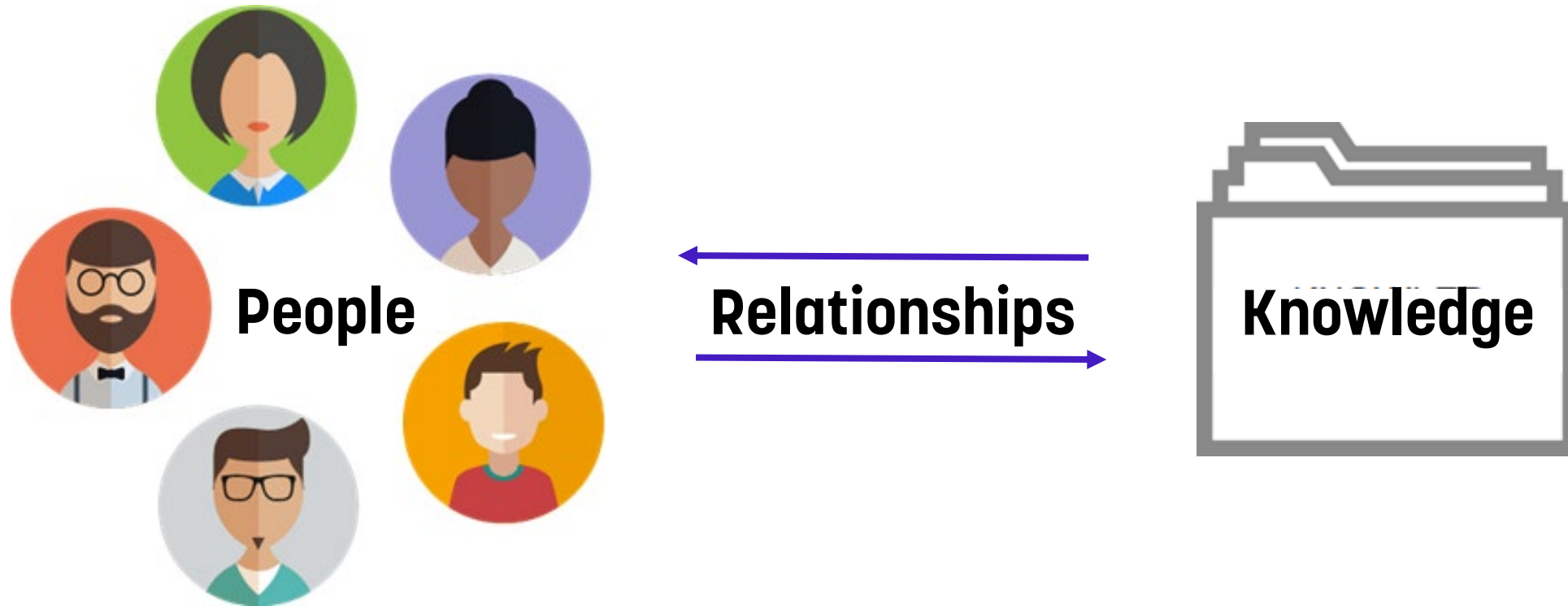
Know what you have

- Databases

- Digital Asset Management Tools

- Labeling boxes and tubes

- Project Close Out Process

- Electronic file and folder naming

- Records Retention

Ease of Access and Use

- Digital Asset Management

- Portfolio Development

- Quick Reference for thought leadership pieces

- Resource to former and repeat clients

- History at your fingertips

- ○ **Knowledge Transfer**

- ○ **Risk Management**

- ○ **Succession Planning**

Thank You!

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