



APTTrust

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DPN Chief Operating Officer

2012

In spite of our best efforts a great deal of content from academia is not being saved for the long term.

How will we ensure that the digital assets created and collected in our institutions are available to scholars in the future?

Need to save most at risk
content in a way that protects
against technical failure, natural
disaster, and institutional failure

2012

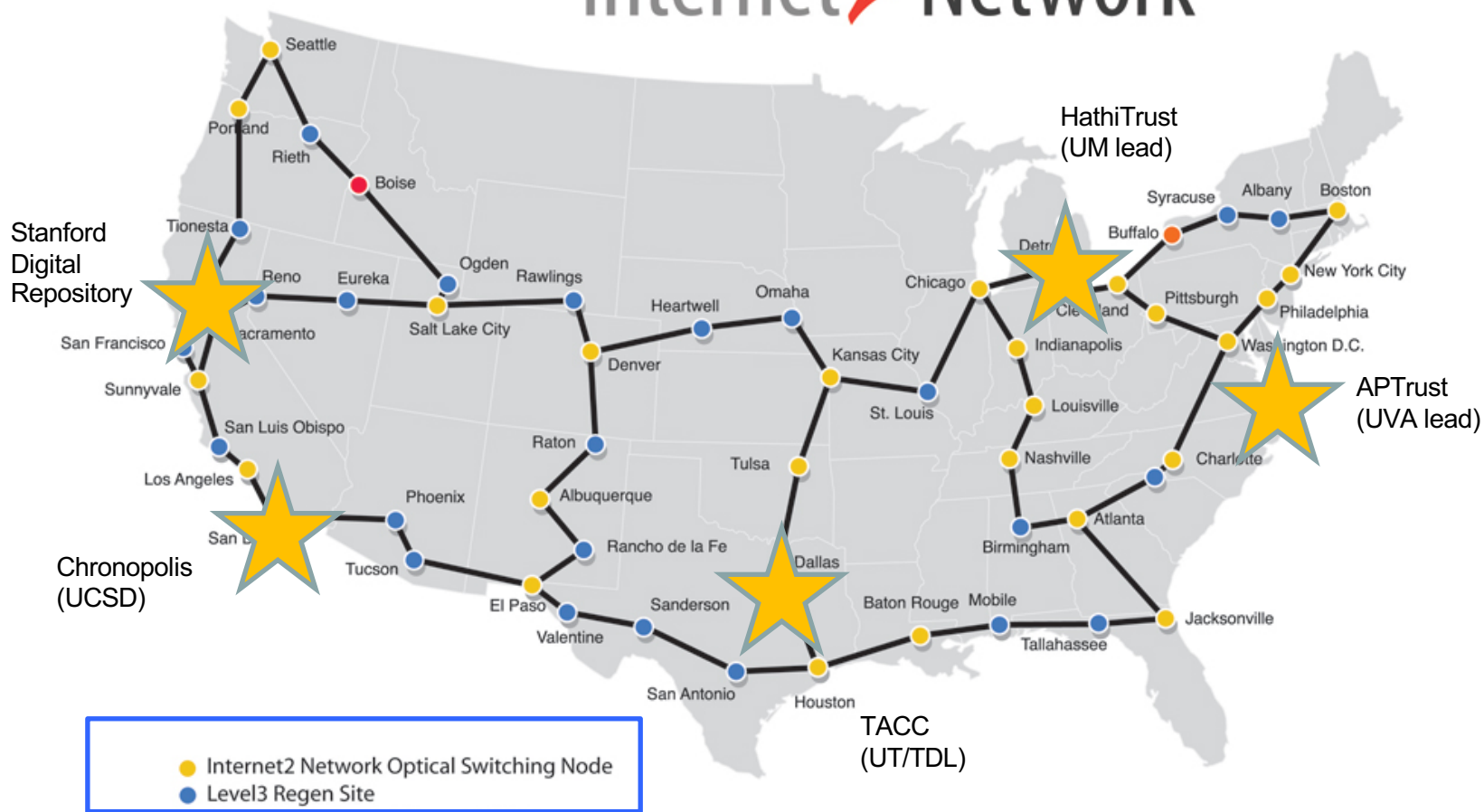
Started with nothing
but a big idea

2013

- Initial business model was developed
- Solicited support from Charter Members (~60)
- Original plan was for text and images
- Start small and add formats and capacity when able (research data, rich media, etc.)

DPN Nodes on Internet2 Network

Internet² Network



What does a solution look like?

1. Geographically distributed
2. Replication
3. Audit and repair
4. Technological diversity
5. Meet best practices for repositories
6. Succession agreements

2016

The system is up and running

What have we worked on since last fall?

- Completing the development and testing of DPN software
- Legal agreements – SLAs and Deposit Agreements
- Communication and organizational identity
- Committee structure

Big Challenges

Workflow –

- Libraries struggling with this at the local level
- How to get started
- What to deposit

Big Challenges

Scale and capacity

- Must be able to deposit petabytes of content
- Must be cost effective
- Integrate new solutions

Big Challenges

Technical diversity

- Built on premise of heterogeneous architecture
- Need to keep pushing on this

Big Challenges

Open the doors to wide range of members

- Consortia
- Commercial entities with content important to the academy
- Research data organizations
- Large media organizations

DPN has been developed as promised
and is now available to save content
collectively for future generations

Keeping focused on the mission

- To save the most valuable content from the academy in a dark preservation system that is geographically dispersed and is supported by replication and audit
- The content is protected by succession agreements made at the time of deposit
- This content is being preserved for humanity



<http://dpn.org>

Members

News & Events

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Become a Member

Preserving the **historical record** for this and future generations.

Learn more about our Network



Member Resources: [Tech Specs >](#) | [Legal Docs >](#) | [Deposit Assets >](#)

The Digital Preservation Network

The Digital Preservation Network (DPN) is the only large-scale digital preservation service that is built to last beyond the life spans of individuals, technological systems, and organizations. DPN provides members of the academy and their successors with assurance that future access to their scholarly resources will be available in the event of

“DPN is filling a vital strategic need for the long-term preservation of scholarship and research like no other service or program can. DPN is key to secure the intellectual capital of our

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