

Open standards: Are They Really?

David Cerf – EVP

Crossroads Corporate Overview

- Founded in 1996
- More than 17 years of storage/network expertise
- More than 125,000 installed systems
- More than 100 patents and numerous award
- IBM, Fuji, HP, EMC, and many others license Crossroads technology



Mission critical solutions

The Fortune 2000 Rely on Crossroads













Data Today

Volume:

- ~ 90 percent of the stored data in the world has been created in the past two years - Financial Times
- ~ 2.5 exabytes of data are created every day
 Approximates all the data that was created in 1986

Velocity:

 When scientists turn "on" the Large Hadron Collider, 3-6 GB of data spews out every second" and when a collision occurs, it captures 40 million snapshots in a second

Variety - movies, images, text strings with location

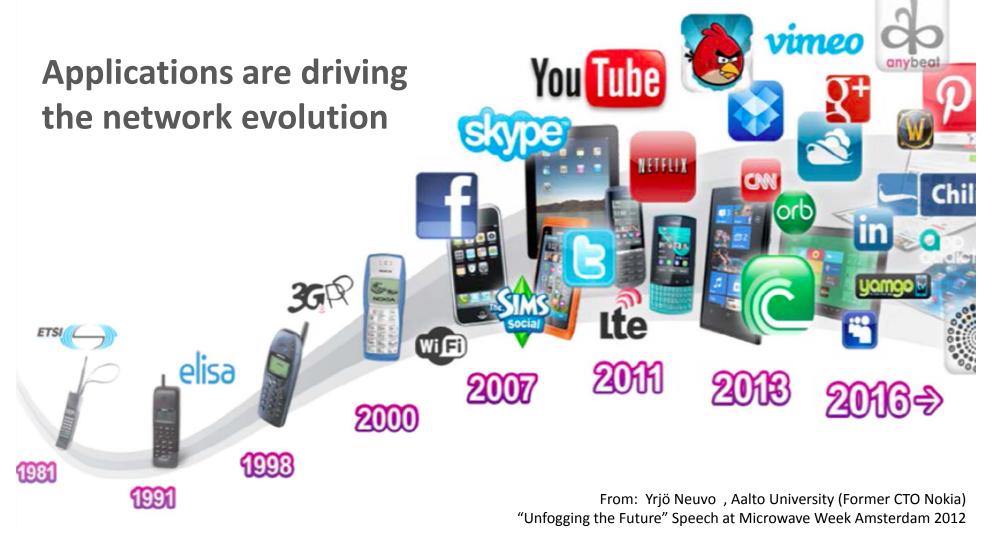
- Internet of things
 - In 2008 the number of devices connected to the Internet exceeded the number of people on earth
 - By 2020 -- 50 billion devices connected

Data – No longer simply data...

- Global broadband and mobile technology now expose timely, worldwide information
- The right information to the right people in real time producing better business and social outcomes
- Keep it all, keep it forever



One GB per mobile user per day by 2020



Your data is no longer available



Historical example

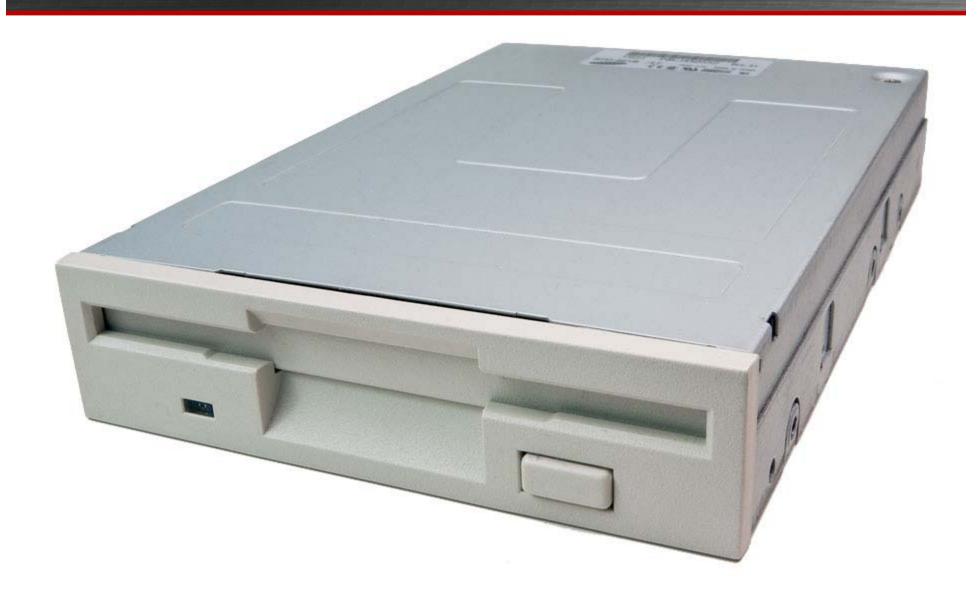


Remember these...

FASTER FACT-POWER FOR MANAGEMENT



And these...



No more hardware lock in

LTO – Linear Tape Open



The key word is:

OPEN

Data – Open, available, accessible







- Self describing file system
- Faster access to data
- Simple drag and drop
- Compatibility across environment
- Increased data mobility
- A single storage media standard
- Non-proprietary





The major (and I would almost classify it as a breakthrough) advance that LTFS provides is that LTFS changes tape from application dependent to application independent.

Jerome Wendt DCIG

Non-Proprietary

No Dependency On

- Operating system
- Applications
- Specialized agents
- Proprietary software layer

No Change To

- File formats, attributes
- Applications







Is your data proprietary?

