

Global Working Group on Optical Disk Archive Testing



OPTICAL STORAGE SYMPOSIUM 2005

Hosted by the Optical Storage Trade Association

September 28th, 2005

Hyatt Regency, San Francisco Airport
Burlingame, CA



Moderated by C Smith
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Invited Speakers

- **Fred Byers** **NIST**
- **Ihashi-san** **Start Labs, CDs21**
- **Inoue-san** **Pioneer**

Meeting Focus

- Review Specification Status
- Agreement on ODAT committee formation
- Review and Brainstorm Implementation Options
- Establish Technical and Business Action Plans

AGENDA

- Opening Comments Smith
- ISO Optical Archival Test Stds Byers
- Brief Overview Current NIST/OSTA Work Byers
- ODAT Initiative – WG1, WG2 Smith
- CDs21 Position on ODAT Ihashi
- OSTA support Smith
- Implementation Options Smith
- Open Discussion Group
- Action Item Planning Group

ISO Standards

Methods for estimating the life expectancy based on the effects of temperature and humidity

- ISO 18921 – Compact discs (CD-ROM)
- ISO 18927 – Recordable compact disc systems
- ISO 18926 – Magneto-optical (MO) discs

NIST/OSTA Activities

- Accelerated aging with optical discs for estimation of life expectancy
- Shortened method for “archival grade”
- DVD disc/drive compatibility testing
- Government Information Preservation Working Group

ODAT Initiative

Committee Proposal to OSTA Board

- Create ODAT as independent committee
- COSA to return to COSA original charter

ODAT Committee

- WG-1: Specification Technical Development
- WG-2: Business Development & Implementation

Committee focus is 100% on this subject

Goals

- Drive product quality to higher levels
- *Recognition and Implementation of the specifications as standards*
- Emergence of Archival Grade Media
- Create MARKETABLE value-add for optical products – product differentiation based on archival grade
- Market optical disk vs tape/hdd as archival media of choice

Current OSTA Org

BOARD OF DIRECTORS

Bob Zollo
Parker Lee
Ronan Ryan

PRESIDENT

David Burzel

ATTORNEY

Joseph D. Abkin

OSTA Committees

UDF Committee

Lee Prewitt

MPV (MusicPhotoVideo) Committee

Felix Nemirowsky

DVD Compatibility Committee

Subutai Ahmad

Marketing Committee

David Burzel

Commercial Optical Storage Applications Group (COSAG)

Roy Slicker

Blue Laser *adhoc*

Bob Zollo

OSTA Office Administrator: Debbie Maguire
Public Relations: Jan Johnson,

COSA Charter

- The Commercial Optical Storage Applications Group. (COSA) is a sub committee of the Optical Storage Technology Assn. (OSTA), who are committed to being the global authority and information repository on optical data archival systems, applications, and solutions for regulatory markets that dictate long-term storage in a non-alterable format.

COSA evolved from the High Performance Technical Committee as a marketing and educational group to address the need for compliance storage products in the light of emerging new requirements in regulated industries such as Government, Medical, Financial and Legal.

COSA is helping manufactures to identify and address the needs of compliant, removable, non-alterable storage products such as optical drives and libraries. Optical technology vendors recognize the need to create a strong organized approach to introduce products that meet critical business needs and to educate technical resellers and service providers.

Today, vendors realize the need to develop a stronger marketing and technical training strategy that would enable them to compete for a larger share of the storage market segment.

What are the objectives of the COSA?

COSA's charter is to promote storage solutions that incorporate optical storage technology to meet the growing need for regulatory compliance with regards to long-term data retention and/or in a non-alterable format.

- Provide education and information about compliance storage technologies to the industry, resellers and end user customers; explain how these technologies operate; define the integration process that enables its use.
Provide growth and development in markets for automated storage technology
In this section, you will find industry papers regarding implemented solutions in various regulatory vertical markets such as Government, Medical, Financial and Legal. In addition you will also find white papers on data retention requirements and technical updates. These papers will be updated on an ongoing basis, so please be sure to check back.

ODAT Target Members

- Companies interested in improving ROI on their optical storage product line-up
- Companies and individuals willing and able to contribute to the development and implementation of the specifications

What does the end user need?

- Established standard practices for media archive life testing and classification
- 3rd Party Evaluation and Verification
- Reliable Optical Media Products
- Confidence and information of what is being purchased

CDs21 Position on ODAT

Mr. Ihashi Chairman of CDs21 committee

Regarding:

CDs21 reliability working group (RWG1)

OSTA Action Requirements

- Create ODAT committee
- Ad Hoc formed at 9/27 Board of Dir
- Consider formalizing at December qtly mtg

Implementation Goals

- Improve product performance
- Improve ROI
- Expand market
- Increase confidence in optical products
- Market messaging to re-position optical against Tape and Hard Disk technology as best Archival Media

Implementation Tactics

- Reporting of test results to field
- Continuous promotion of our work to the market
- Visible Marketing of Conformance
 - In-house testing, reporting, promotion - individual companies
 - 3rd party verification test lab
 - Logo marking of grades
 - Other??

Discussion

Action Items

- Technical
- Business

THANK YOU

This team is the core to build the momentum.

Everyone's Support is Appreciated!

ODAT – *"LONG LIVE OPTICAL DISCS!"*