

# Linear Tape Open

## The Format to End

### All Formats

### ?

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**Computer Technology Review**

8mm

Magstar MP

AIT

DLT

Travan NS

4mm

SLR

MLR

- Linear

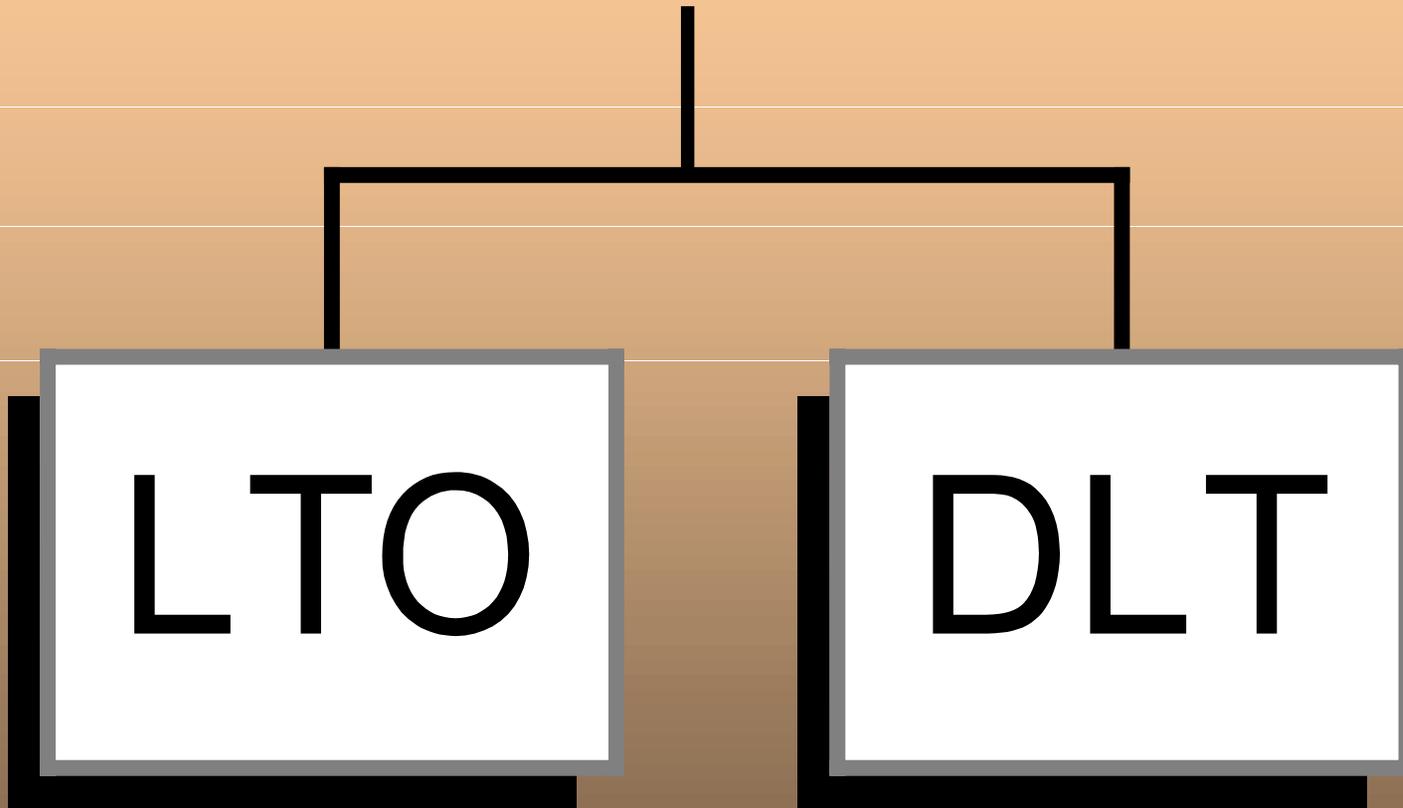
- Tape

- Open

- Technology, not Product
- Product from Licensees
- Open Format
- Multi-Vendor

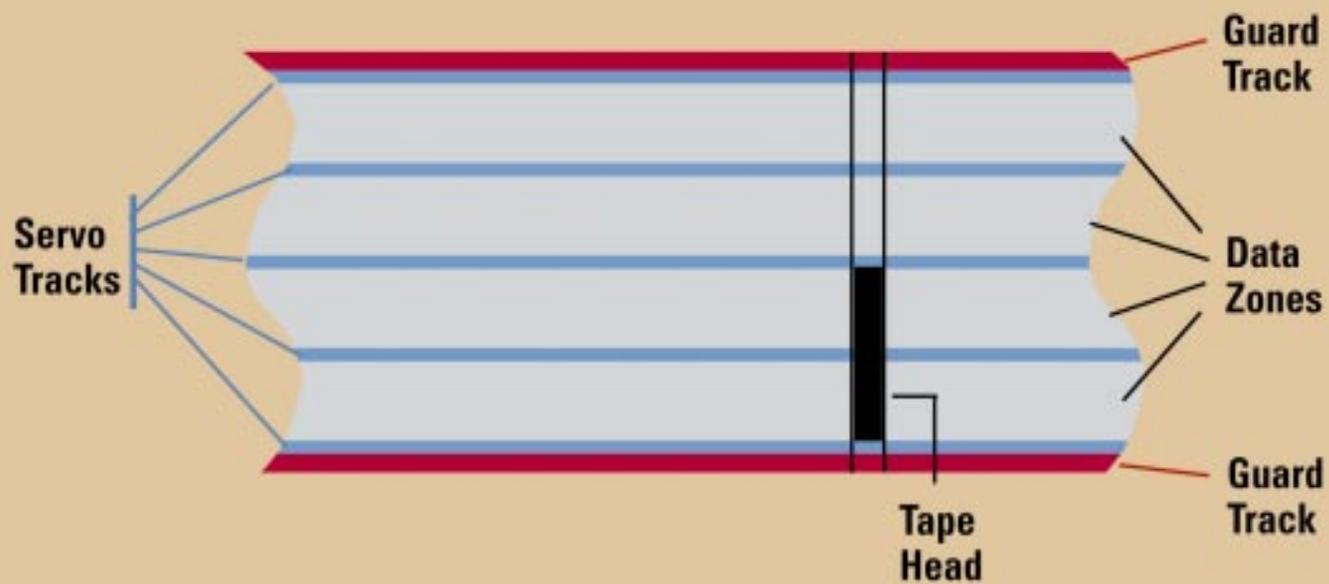
**“While there are many alternative storage technologies emerging on the market today that may answer one or more...needs, overall, they do not yield a comprehensive solution that meets the broad set of needs that tape addresses.”**

**Michael Matson  
Hewlett-Packard**



# New Roadmaps

- Exabyte Mammoth
- AIT-2
- DDS-4
- Super DLT
- Magstar MP



## TABLE 2 - ULTRIUM

GENERATION	1	2	3	4
Capacity (GB)	100	200	400	800
Transfer Rates (MB/sec)	10 - 20	20 - 40	40 - 80	80 - 160
Enablers	RLL 1,7 MP	PRML MP	PRML MP	PRML Thin Film

**TABLE 1 - ACCELIS**

<b>GENERATION</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Capacity (GB)</b>	25	50	100	200
<b>Transfer Rates (MB/sec)</b>	10 - 20	20 - 40	40 - 80	80 - 160
<b>Enablers</b>	RLL 1,7	PRML	PRML	PRML
	MP	MP	MP	Thin Film
<b>Access Time (sec)</b>	9.6	7.2	6.3	6.3

“In making our decision to work together, we all recognized that customers would rather simplify the tape buying decision than see the proliferation of multiple tape formats and technologies. We agreed to cooperate on tape format specifications that would serve multiple end-user needs and be supported by multiple suppliers. Working together also allows us to combine our complementary technical resources and leverage our individual skill sets to develop a world-class technology for future network and enterprise computing environments.”

**James Vanderslice, vice president and  
general manager  
International Business Machines**

# Limiters

- New Formats
- Virtual Tape

