

Plasmon

**Storing More of
Your Digital World**



Comprehensively!

Storage Technologies/Media

12" OPTICAL



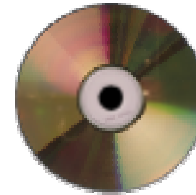
ULTRA DENSITY OPTICAL (UDO)



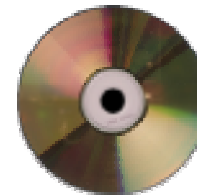
MAGNETO OPTICAL



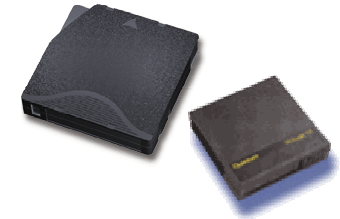
DVD-RAM
DVD-R



CD-R
CD-ROM



LTO TAPE
SDLT TAPE
AIT TAPE



Archive/Near-line

Back-Up & Restore/Inactive

Technologies to the left generally provide:

- Faster time to random data
- Good choice for active data and small files
- Increased data security/reliability
- Superior archive medium

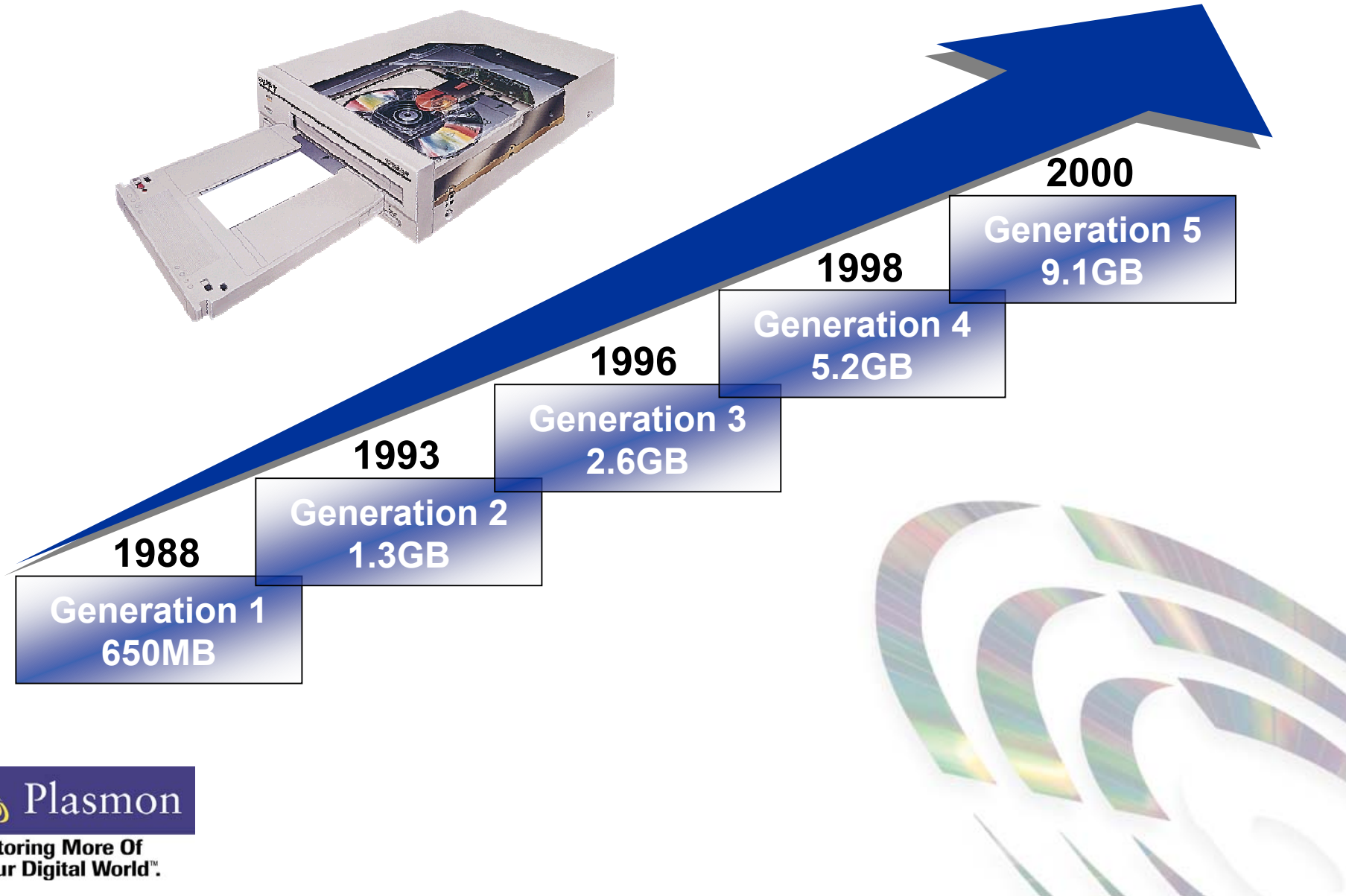
Technologies to the right generally provide:

- Faster data transfer rates
- Lower cost per GB
- Tape is good choice for large files
- Tape is good mass storage medium
- DVD, CD-R and Tape are good choice for very inactive data



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Historical 5.25" MO Roadmap



UDO

ULTRA DENSITY OPTICAL

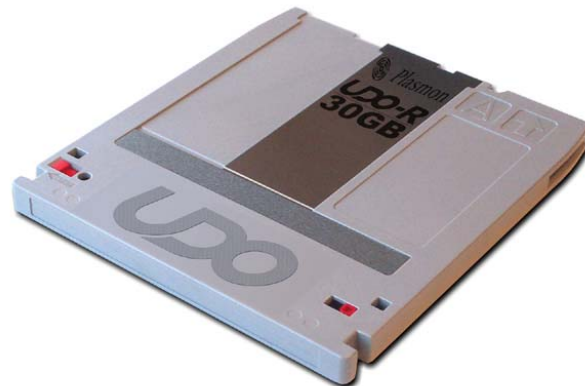
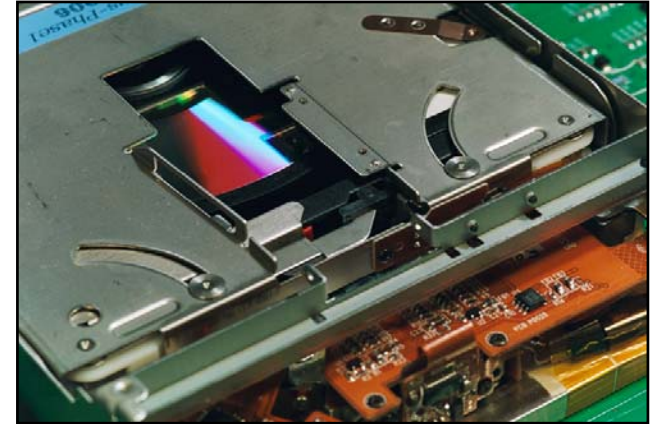
The Future of Professional Optical Storage



120GB
60GB
30GB

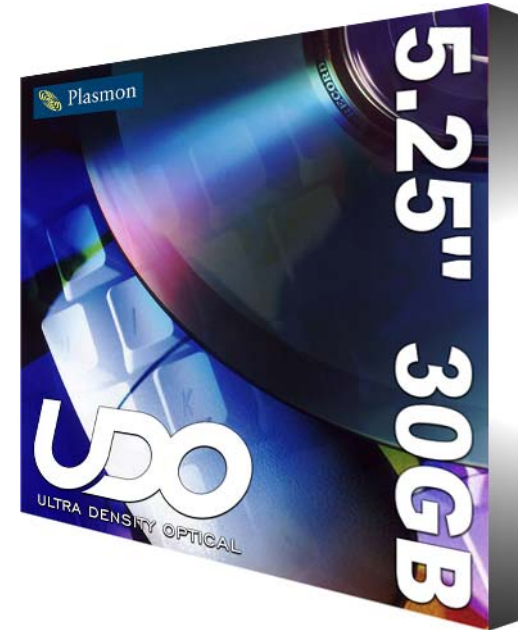
Ultra Density Optical (UDO)

- Technology
 - DVD and Phase Change
 - 405nm blue-violet laser
 - .7NA objective lens
 - 5.25 half-height form factor
- Media
 - 5.25-inch cartridge based
 - Double sided WORM and RW



Ultra Density Optical (UDO)

- Value Proposition
 - Performance of 5.25 MO
 - Longevity of 12 WORM
 - Cost effectiveness of DVD
 - 30 GB Generation 1 \$2/GB
 - 60 GB Generation 2 \$1/GB
 - 120 GB Generation 3 \$0.5/GB



UDO Roadmap

Generation 3

2007

120GB



Generation 2

2005

60GB



Generation 1

2003

30GB



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Optical Markets & Applications

Technologies

DVD-RAM

5.25" MO

DVD-R

5.25" CCW

12-inch WORM

Applications

- Voice Recording
- TeleCom
- General Document Management
- Data Warehousing
- Internet / E-Commerce
- Storage Management
- Investment Banking
- Legal
- Financial Records
- Online Publishing
- Medical Imaging
- Data Archiving
- Critical Records/Doc Management
- E-mail Archive



Thank you for your interest in...

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