

**SONY**

# **Sony Optical Disc Library**

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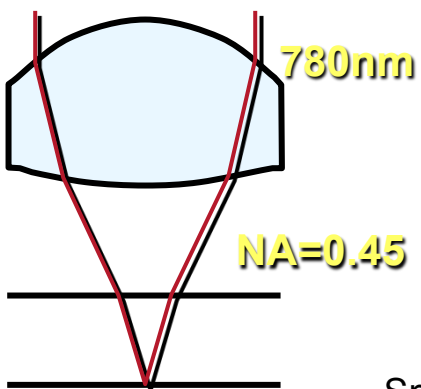
Sony Device Solutions Group

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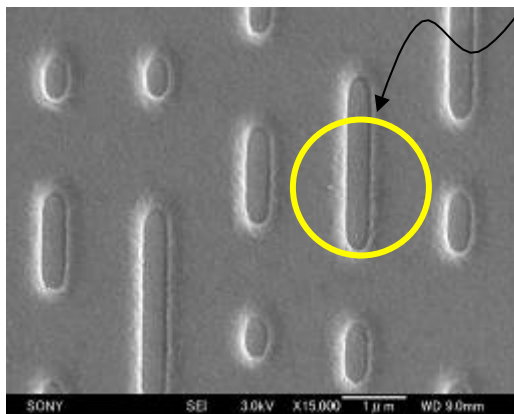
# Optical Disc Capacity

## CD

1<sup>st</sup> CD launched in 1982



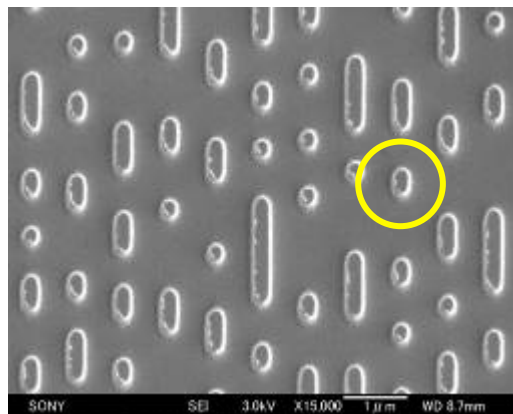
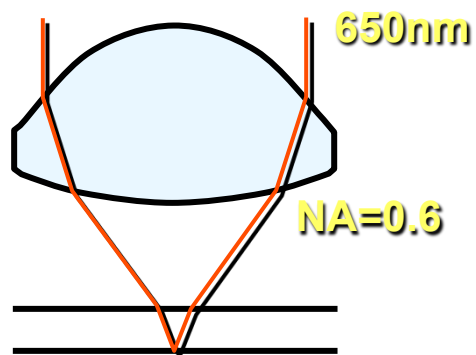
Spot size



**650MB – 800MB**

## DVD

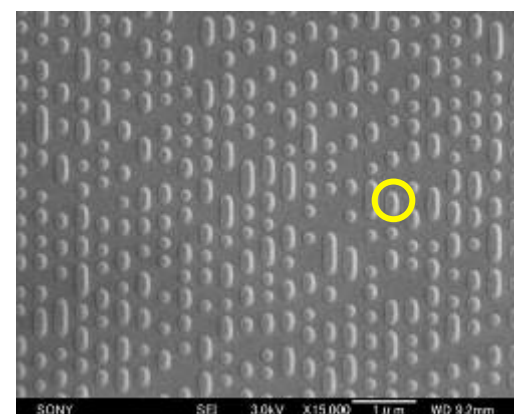
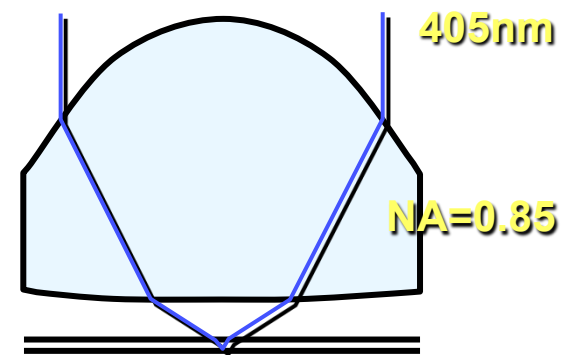
1<sup>st</sup> DVD launched in 1996



**4.7GB – 9GB**

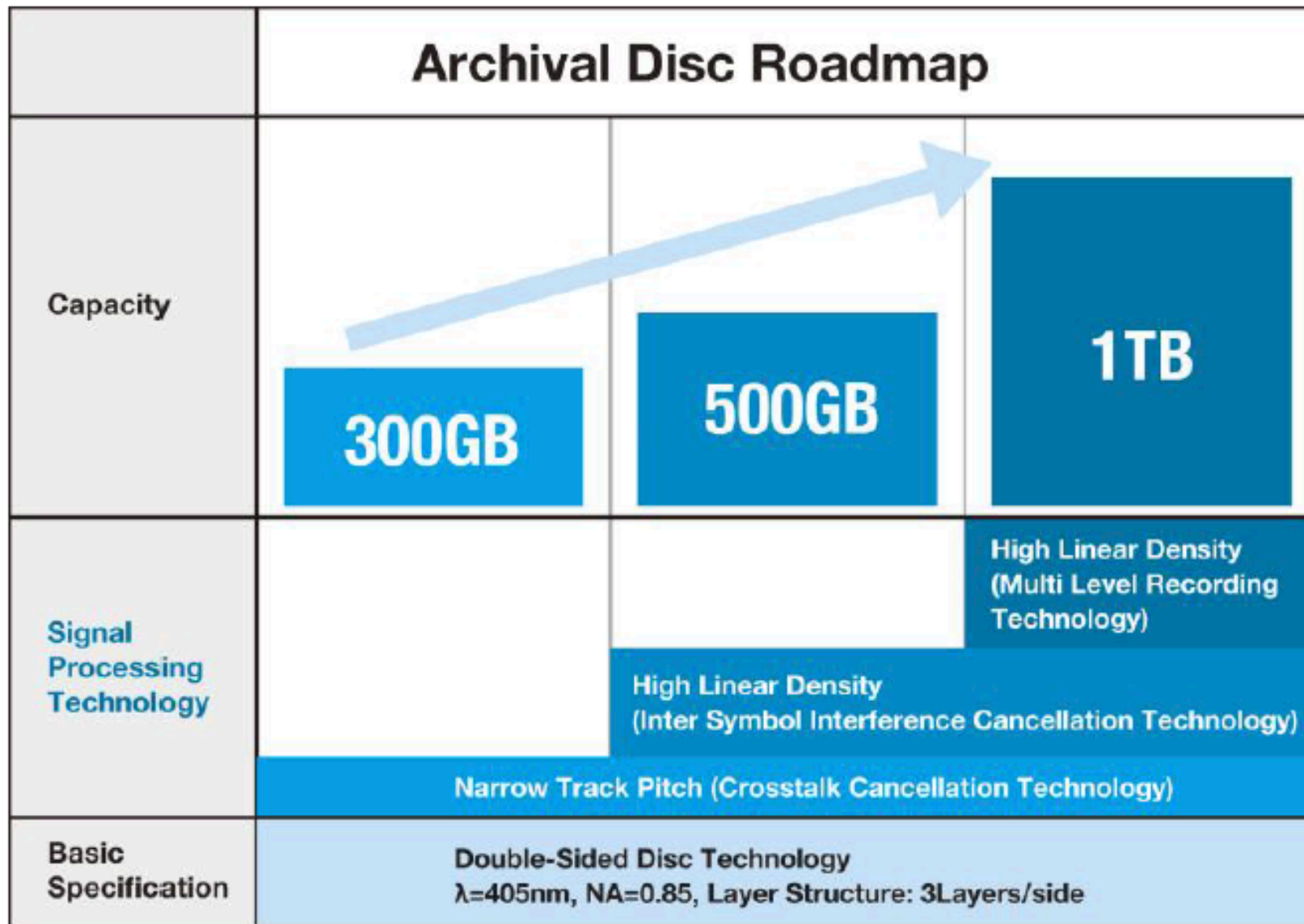
## Blu-ray

1<sup>st</sup> Blue-ray launched in 2003



**25GB – 100GB**

# High capacity disc development



# **Optical Disc Library for Cold Archive**

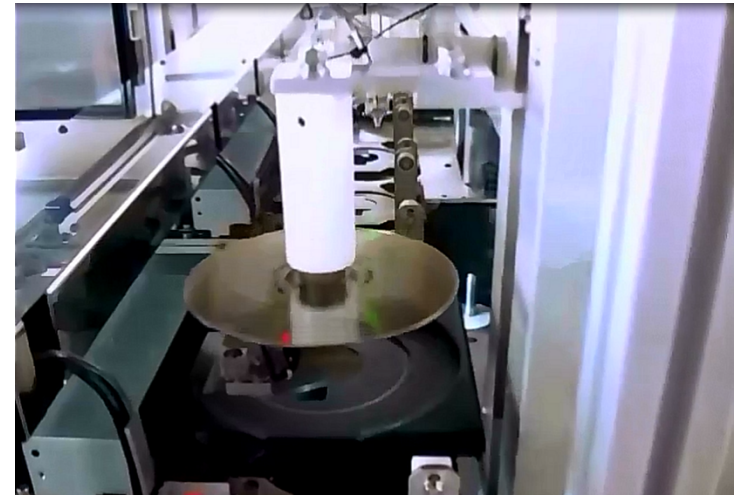
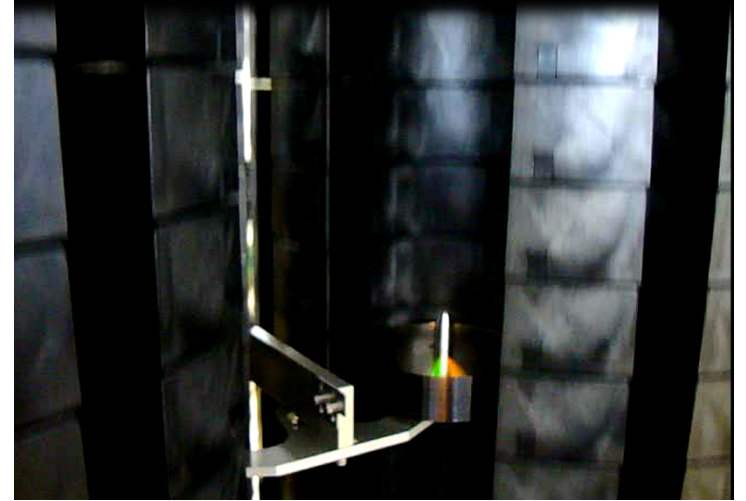
- ◆ **Advanced technologies based on Sony's long-term expertise in optical disc development**
- ◆ **Unique library architecture & serviceability tailored for Cold Archive**
- ◆ **To lower TCO with key elements;**
  - **Greater capacity media : Reduction in bit/cost**
  - **Library capacity increase : Increase in data capacity per footprint (m<sup>2</sup>)**

# Sony Optical Disc Library Prototype

## <Key Features>

- Reliable, long-term optical disc storage for cold archive
- Maximized storage capacity per unit volume to achieve approx. 15000 disc storage
- High serviceable architecture with up to 8 drives incorporated

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