

## Appendix 2: MIT Libraries' Data and Data Management

### Enterprise Systems/Managed Digital Content

- Barton (“card catalog”), ALEPH(Ex-Libris) software
  - Metadata about physical and virtual content (both owned and licensed content)
  - Over 1 million metadata records
  - Exports to Data Warehouse, links to MITSIS data; exports to other (external to MIT) catalogs (OCLC WorldCat)
- VERA (access to electronic resources)
  - Manages and presents metadata
  - 50,000 resources
- Geo-spatial data engines (ex. GEOWeb)
- Harvard-MIT Data Center, social science data
- Document delivery systems (include credit card service); Inter-library loan systems
- Content management databases
- Many local databases managing subscription, licensing, access, and collection information
- A variety of websites providing information
- *TechTV* (currently 4,500 videos)
- AMPS video (1,000+ produce/yr)
  - Most stored on digital tape
- Distance education and streaming video service

### Digital Repositories (Current Instances)

- MIT Geospatial Data Repository
- *DSpace@MIT* (MIT Research Output) <http://dspace.mit.edu/>
- *DOME* (Digital Library) <http://dome.mit.edu/>
- 2+ Terabytes of data; files include text, audio, video, etc.
- Both based on DSpace software platform; also numerous test instances running

### Enterprise Systems/Managed Digital Content: background

- Intellectual Property and access rights information
- Multiple servers; servers housed in W91 and Bldg. 14, shifting all to W91
- Raw data (original TIFFs for PDFs, etc.) exists on hard drives; disks; and servers

### Emerging Data Priorities for MIT Libraries

- FAÇADE (capturing 3-D computer aided design)
- E-theses (Electronic theses online submission)
- Research Data (data sets)
- Capturing websites
- Permanent Institute records

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