Digital Archives

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Cadastral procedure activity at last digital!

Digital archives 1999-2009
Cadastral index map 1990-2003
Cadastral survey procedure 1980-1998
Real Property register 1977-1995
Volumes in archives

- 2.7 million dossiers
- 70 million documents
- 2 million big maps (over A4)
- 1 million big collared maps

What we do

- Produce digital versions in black and white by scanning documents and books
- Scan all coloured maps.
- Arrange access via computer networks such as Internet. Minimum 99.9% of archive research via computer based archive access.
- Deposit analogue archives
Situation today

- 21 out of 24 county archives are digitized. Work in remaining counties in progress
- Digitizing of the central archives going on
- Archives of some municipalities are digitized
- Part of Royal archive digitized

Conclusion

- Increase efficiency and accessibility both internally and externally
- Financial savings but considerable costs for management
- One of the largest culture-historical projects in Sweden
Effects

- Increased use of information from our archives for various products and services
- Less wear and tear
- Increased profitability for the National Land Survey

What will it cost

Swedish Crowns

- Production: 200 million
- Making available: 1 million/year
- Management: 8 million/year
- Technical development: 1 million/year
Users contracted service

- 1000 internal (in NLS)
- 2000 external (in 170 organisations)

Supplying

Both public and professional applications

- Archive Search - Professional application - contracted service
- Historical Maps - Public application – common gateway with marketing opportunities
- Proxy
Archive Search

Historical Maps
Map – Archive System and Archive Sales System

- The Arken system today

Web application
- Historical Maps
- Property Search
- Archive Search
- Arken Proxy
- Maps of Djurgård

Meta-data on archives

Pictures for presentation

Digital originals

Production lines

Archiving from the Cadastral System (Trossen)

Cadastral System
- Document management system (Word, Excel, scanned documents, etc.)
- Convert documents to standard format used in the Archive system. Copy of metadata from the Land Property Register

Archive System
- Database
- DjVu
- HSM System TIFF Digital originals