# Web Content Management System Discussion

# IT Infrastructure

Andreas Wagner (IT-OIS)

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- ## Options to publish Web content
    - Centrally Hosted Web sites
    - SharePoint Collaboration Workspaces
    - AFS based Web sites
    - DFS based Web sites
    - J2EE Java Applications
    - Twiki

    + custom web servers
    + (for documents in addition also EDMS, CDS, Indico)

- Breakdown of all Web sites by type and category

|  | Total | Official | Personal | Test |
|---|---|---|---|---|
| Central | **4556** | **2015** | 1840 | 701 |
| AFS | **2659** | **584** | 1933 | 142 |
| SharePoint | **1284** | **789** | 57 | 438 |
| DFS | **835** | **79** | 732 | 24 |
| J2EE | **152** | **82** | 8 | 62 |
| TWiki | **126** | **126** | -- | -- |
| Total | **9612** | **3675** | 4570 | 1367 |

- Access Statistics (~30 servers):
  - ~ 10 million hits / day; 3 TByte bandwidth / day

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- SharePoint as "Collaboration Workspace" used since 2007

  – Creation, publishing and maintenance of web sites became much easier and faster

    • Document sharing, Web forms, Web forums, project management tasks, Wikis, ...

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- Success as a user site hosting service:
  - **~1300 SharePoint sites (in May 2010)**
    - 1/3 of all new centrally hosted web sites since 2007
    - Quickly became a very popular service
  - Main usage:
    - Collaboration workspace for document sharing and web forms
    - Also: web portal, discussion forums, public web site

- Use as a platform for IT/OIS services:
  - E-group archives, forums, RSS feeds (NICE alerter), help page hosting
  - Internal service documentation, operations and project management...

- Excellent availability and reliability:
  - **~1 hour unavailability in 3 years, all scheduled**
  - 2009: **redundant infrastructure** to further reduce maintenance time and help business continuity
  - Security: 1 security patch in 3 years

- Scalability and performance:
  - 400+ GB (250GB IT/OIS services; 150GB user sites)
  - 5.5M documents (5M archived e-mails), indexed
  - **700K requests/day** (5% for E-group archives)

- Flexibility as a platform for IT/OIS services
  - E-group archive project on schedule
  - New e-group archive features **for Experiments**: portal, advanced search features, web posting...

- End of 2009: upgrade to MOSS 2007

  - New features:
    - InfoPath forms server,
    - Advanced search in e-group archives,

    - *Web Content Management System:*

      - *"Publishing pages" – WCM*
      - *"Variations" - Multilingual Support*
      - *Approval workflows*
      - *Versioning*
      - *Seperationn of branding and content*

# OIS SharePoint 2010

- Released end April 2010

- Key new features:
  - Site editing from web browser considerably improved
  - Relational data (relations between lists)
  - Web standards:
    - full support for Firefox/Safari
    - WCAG 2.0 compliance (accessibility guidelines)
    - REST (data access)
  - Web 2.0 / "Social computing"
    - Facebook/del.icio.us/blog features...
  - Sandbox mode to isolate custom code

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- Migration of existing SharePoint sites
  - foreseen for Q4 2010

- Dedicated hosting available
  - IT/GS Service Catalogue
  - Web Content Management evaluation