Information technology in Kosovo Parliament

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Information Systems and IT Division

Head of Division

Information Technology Service

- User support, network and system management, data security
- 1 network specialist (system administrators: data communication+security, database, network)
- 2 IT specialists (helpdesk, user support, telephony)
- Technics Service
 - Audio, video, stenography system, cable TV, presentation systems
 - □1 specialist

Services provided to MPs

- Every member of parliament (MP) has own
 Computer (laptop)
 - □ Printer, telephone, e-mail account
- 1 internal session TV channel
- 22 TV channels (by cable-TV operator)
- Transmission appliances in every room
- Electronic voting system in session hall
- Remote Access (web) to e-mail account

Some facts about IT 1/2

- □ Users: ~170 + 120 (MP); IT staff: 1+2+2 persons
- ~170 workstations (Windows XP), ~150 laptops (WindowsXP)
- ~5 servers (Win2003, Linux RedHat), incl 2 clusters
- □ Services: ~4
- □ Network devices: ~20 (mostly switches, HP)
- Internet connection: 100/1000Mbps
- Anti-virus:
 - External: TrendMicro;
 - Internal: Sophos
- □ Annual IT budget: ~150 000 EUR
- Usable brands: Dell, Microsoft, HP, ACER

Some facts about IT 2/2

 E-mail and groupware: MS Exchange 2003
 File service and domain controller: MS Windows 2003 & Active Directory
 Monitoring: Lanware

- URL: <u>http://www.assembly-kosova.org</u>
- Based on WYSIWYG
- Technology: Linux, Apache, MySQL, PHP
- Online news service
- Event calendar
- Latest news
- Stenograms
- Legislation information (draft legislation, voting results etc)



Electronic voting system

Main purpose:

to assist members of parliament at conducting votes

 Workstations: operator, chairman (speaker), LCD,

secretary

- Switchboard (for MP-s):
 - Information display
 - Card reader
 - □ Keyboard:
 - Voting keys: favour , against, impartial
 - Other keys: speech, comment, secretary
 - Navigation keys (menu): view voting results
 - Microphone (open only by operator)



Master Plan for ICT Development towards e-Parliament

- In close colaboration with partners (NDI) AoK started a planning phase (2009 – 2014)
- Assessment of current situation and future needs is done by Consorcium Next Sense & Komtel
- The document is in the final phase to be presented and iniciate step by step implementation

The planned networking structure of the AoK



Initial planned functional enhancements to the ICT services provided to members of the Assembly

- Integrated document management system legislative bussines procedures
- Voice Over IP (Internet Protocol) to enable telephone communications utilising the Assembly's Internet connections.
- Wireless Access Points, to enable Deputies whilst inside the Assembly building but without their own office accommodation to access the network from within the Assembly building with wireless-enabled laptops;
- Streaming Server to link the Assembly's Digital Conference Network to the Internet, to enable public viewing of the Assembly's Plenary sessions.

Thank You !