





Information Services

**IT Systems Integrator and Provider of Intelligent
Election Solutions**

Mihail Konstantinov
Chairmen of the Board
Information Services JSC



History of the Company

- Established in 1970 as the government IT solutions provider
- Nationwide coverage with local IT service centers
- Strong software development and integration specialization – from mainframes to PC platforms
- Working closely with science institutions and universities
- Responsible for all national databases and state registers

Information Services JSC today

- HQ in Sofia and 26 regional offices
- Over 300 qualified IT specialists in broad technological spectrum
- Own secure datacenters and connectivity network
- Qualified digital signatures provider, eIDAS certification
- IT security, services and quality certified management system
- Leading eGovernment service provider and integrator

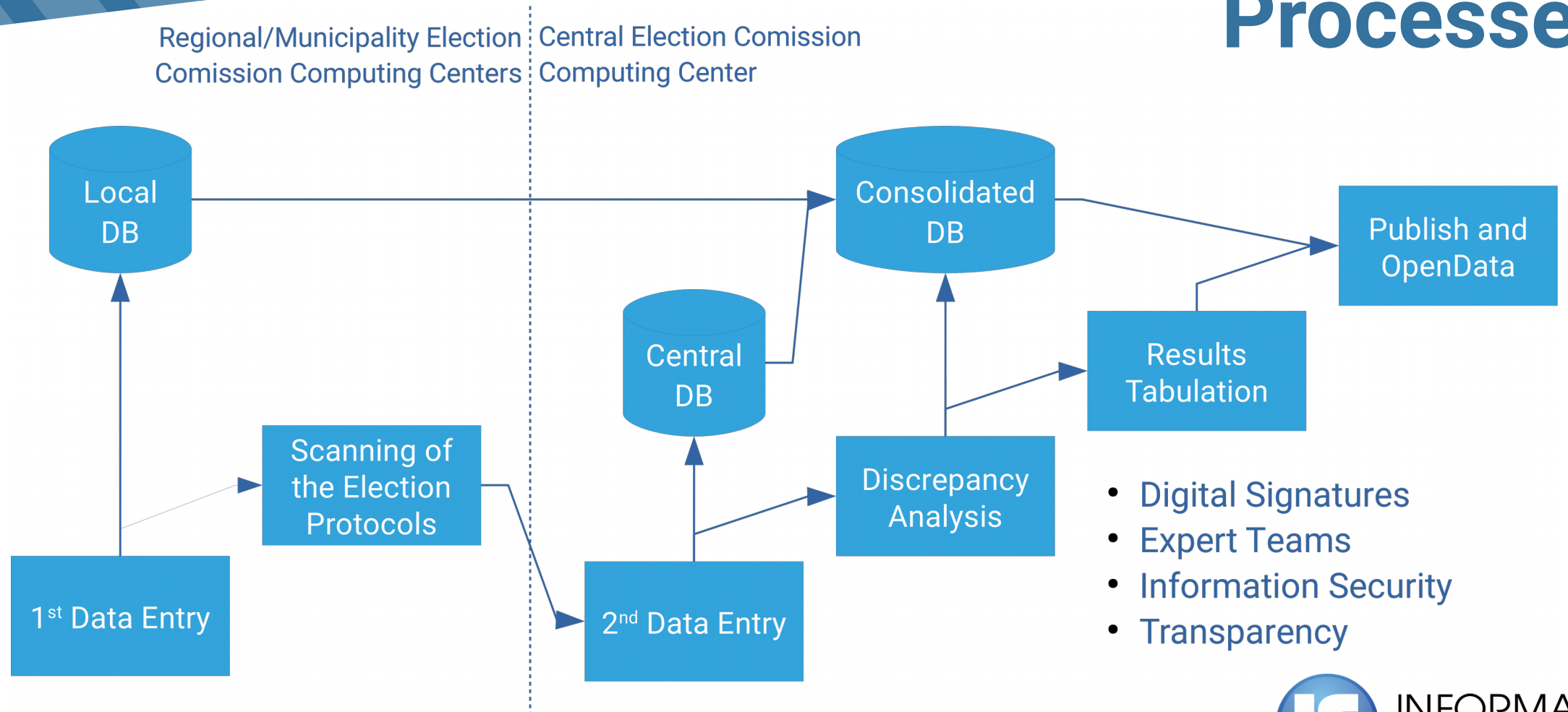
Election Information Systems

- Strategic IT partner of the Central Election Commission of Bulgaria since 2003
 - ~ Presidential elections
 - ~ Parliamentary/EU elections
 - ~ Local elections
 - ~ Referendums
- Full computer processing of election results – from protocol data entry to tabulation and presentation

Solution highlights

- Digital signatures for data entry and data in transit since 2003
- Zero error double entry system and fraud detection
- First government institution to implement opendata
- Publicly accessible via the Internet scanned polling stations protocols since 2011
- National registers realtime integration
- Live video feed for Central and regional election commissions sessions

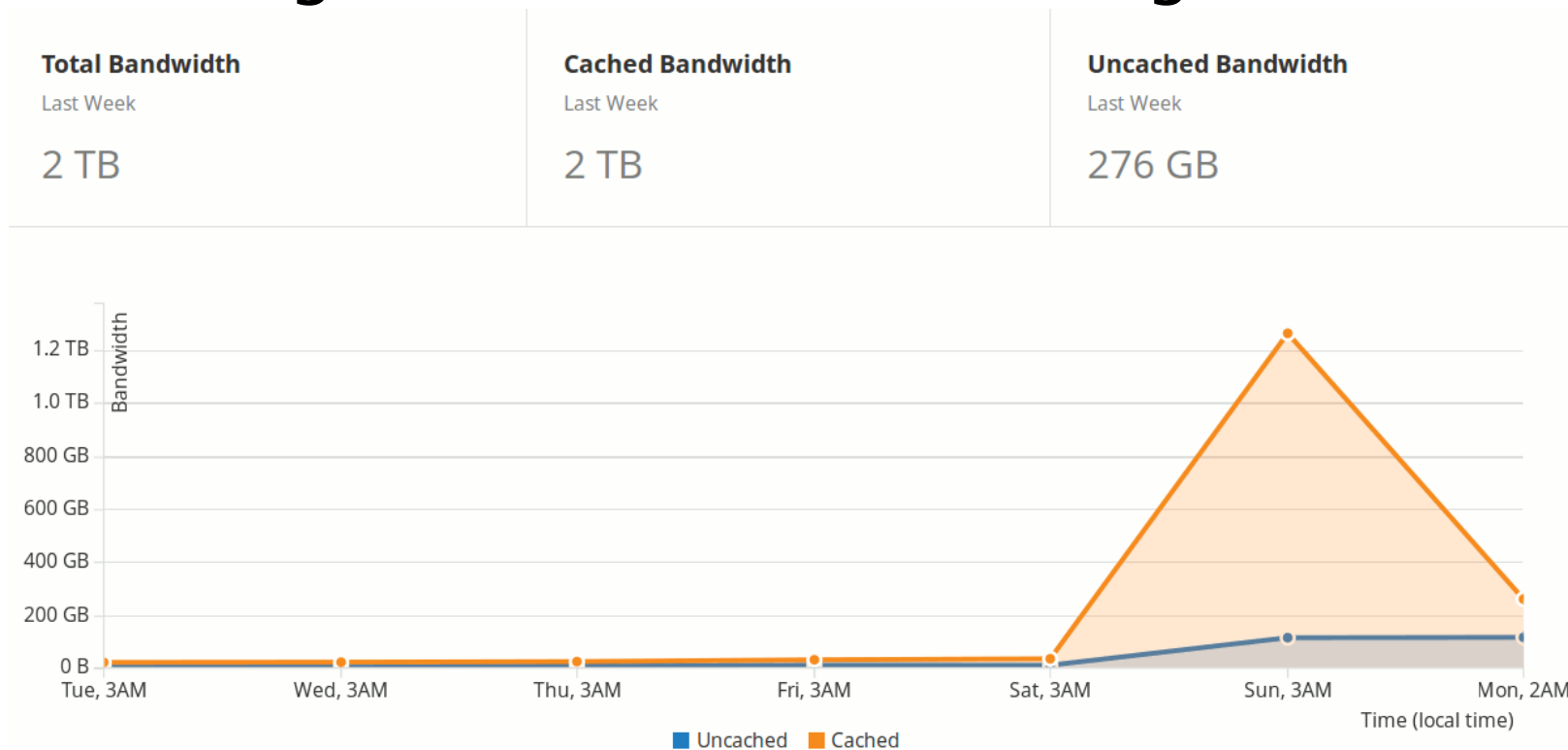
Processes



- Digital Signatures
- Expert Teams
- Information Security
- Transparency

Attack Response

Mitigated largest DDoS attack in Bulgaria in 2015



Ready for New Challenges

- Next generation IT security threats
- Internet voting solutions
- Machine voting solutions
- Optical ballot recognition systems
- Mobile applications
- eLearning solutions for election staff

Challenges and Negative Trends in eVoting

eVoting includes 1) voting with machines in polling stations and 2) internet voting. Both ways meet serious challenges:

- Accusations for “hacked” elections in USA, Germany, Scandinavian states, etc. Global ban of eVoting in Germany
- Large and technically advanced states (USA, Netherlands, Germany, France) abandon eVoting
- Broad public loses confidence in eVoting

What follows next?



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