



The Government
of the Republic of Lithuania

MitSoft

2011

ELPAS – eSignature system of the Lithuanian Government

Government acts,
resolutions, decisions

ELPAS

Prime Minister's decrees



Targeted goals:

- Reduce time for issuance of legal acts
- Improve Government decision delivery process
- Save mailing costs
- Save transport costs
- Reduce staff requirements

Context: legislation

ISO

ETSI

CEN CWA

Standards

Human readable
electronic document
ADOC

Machine readable
electronic
document MDOC

Technical
specifications

For certification
service
providers

For electronic
signature
equipment

For electronic
documents
management

Regulations &
requirements

Civil Code

Documents and
Archives Law

Electronic
Signature Law

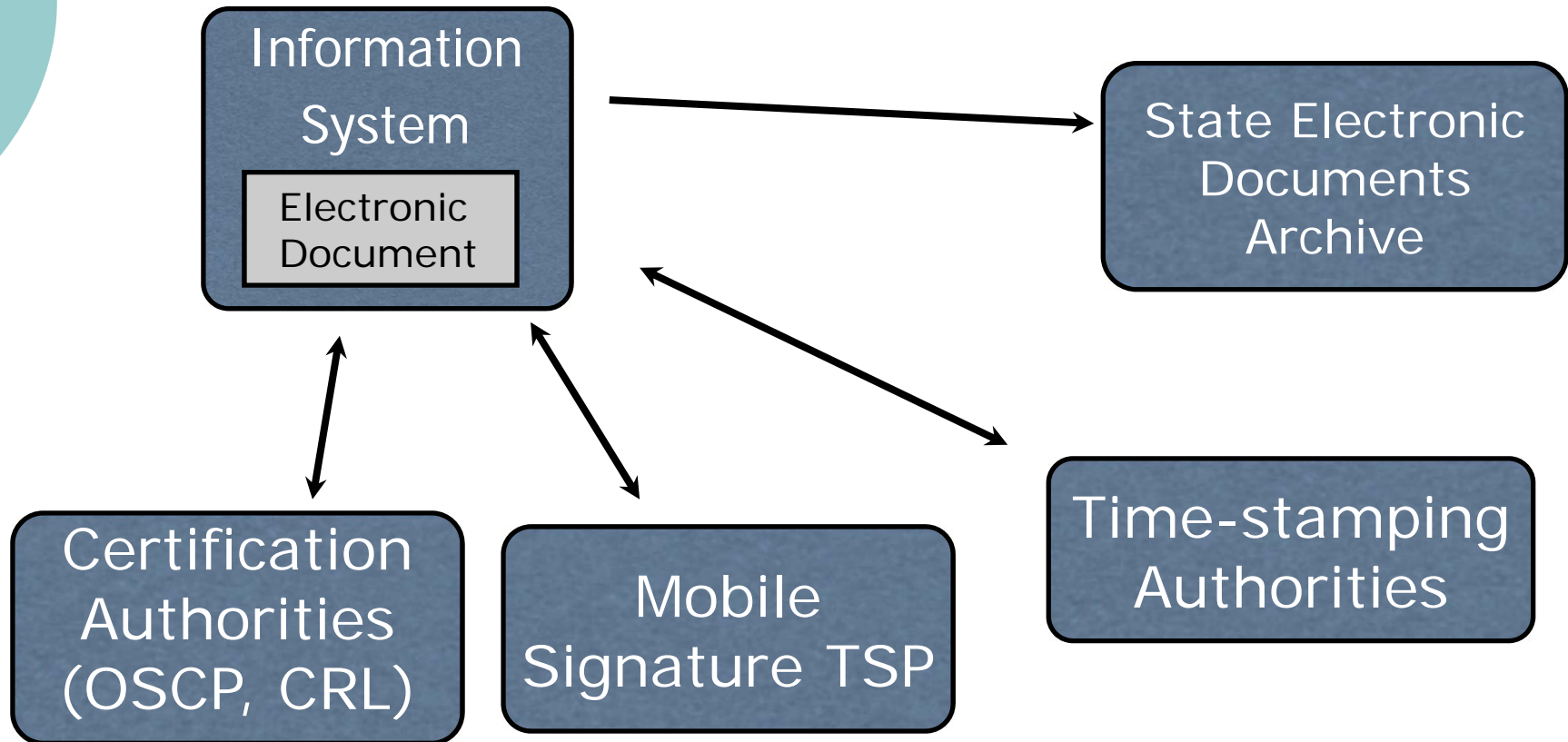
Laws



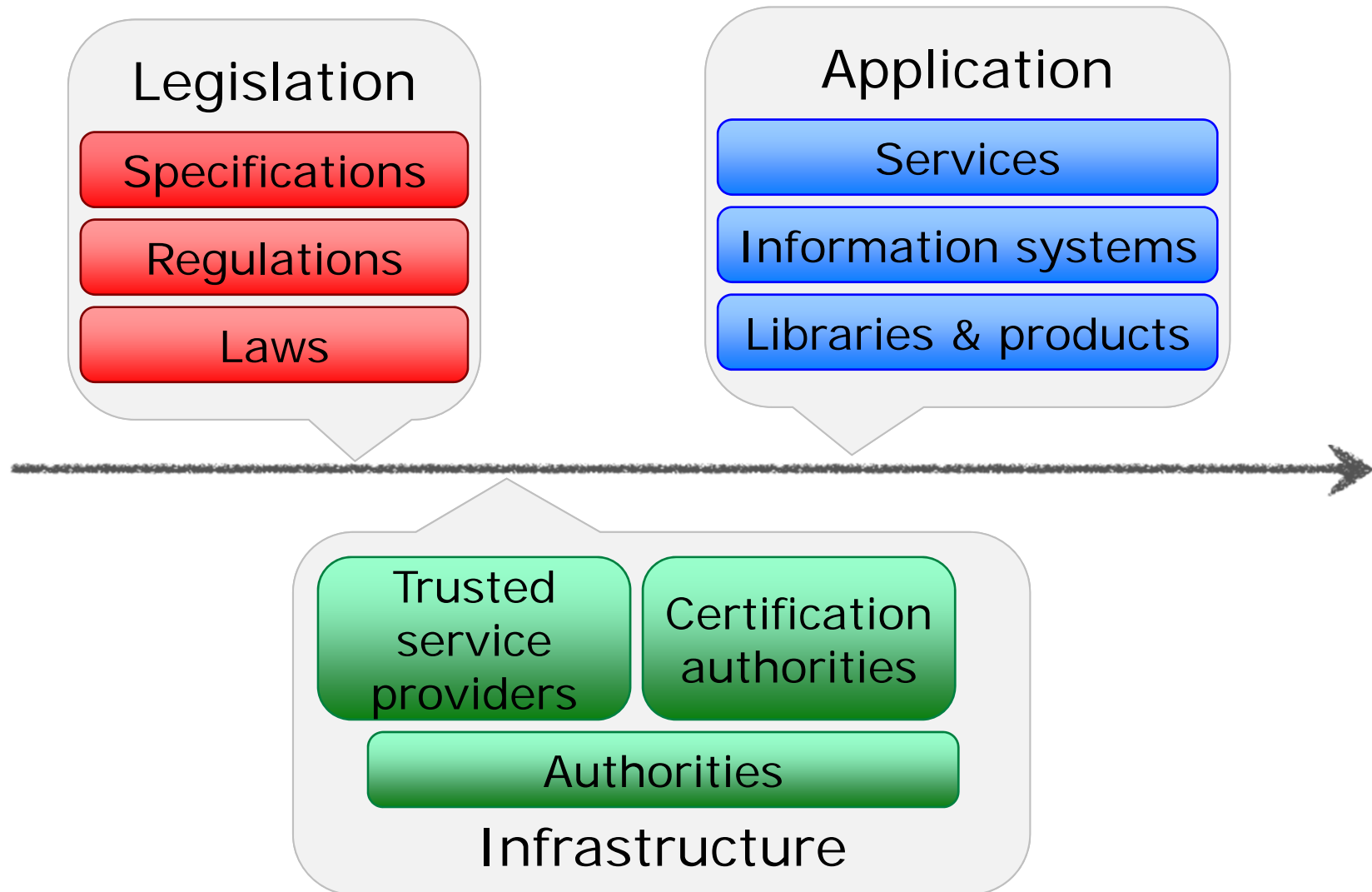
Context: ADOC specification

- Approved in 2009 by Office of the Chief Archivist of Lithuania
 - Mandatory for government institutions
 - Recommended for civil and business use
- Defines *electronic document* model
 - ...for human readable documents
 - ...based on open international standards
 - ...independent from software vendors
- Awarded Lithuanian Strategic Innovation of 2010

Context: infrastructure



From legislation to application





Before ELPAS

- Legal acts were physically transported between Prime Minister's Office and ministries
- Waiting for minister's signature
- Collecting legal acts for Prime Minister's signatures
- Taking to registration



Before ELPAS

- Need for cover letter
- Physical sending/delivering to the Parliament, President's Office and Official Journal
- Scanning/converting to PDF, sending to other institutions



After installation of ELPAS

- PMO civil servant saves an edited document in the system and submits for signing for everybody in described order
- The system notifies signatories immediately by e-mail
- Signing when and where it is convenient (should be Internet connection)



After installation of ELPAS

- Registration, automatic pdf version (with Nr. and date)
- Immediate sending to Parliament, Presiden's Office, Official Journal, legal acts registry



Infrastructure used:

- Civil servant's certificates
- Civil servant's registry
- Time stamping
- Divisions of personal



Results achieved:

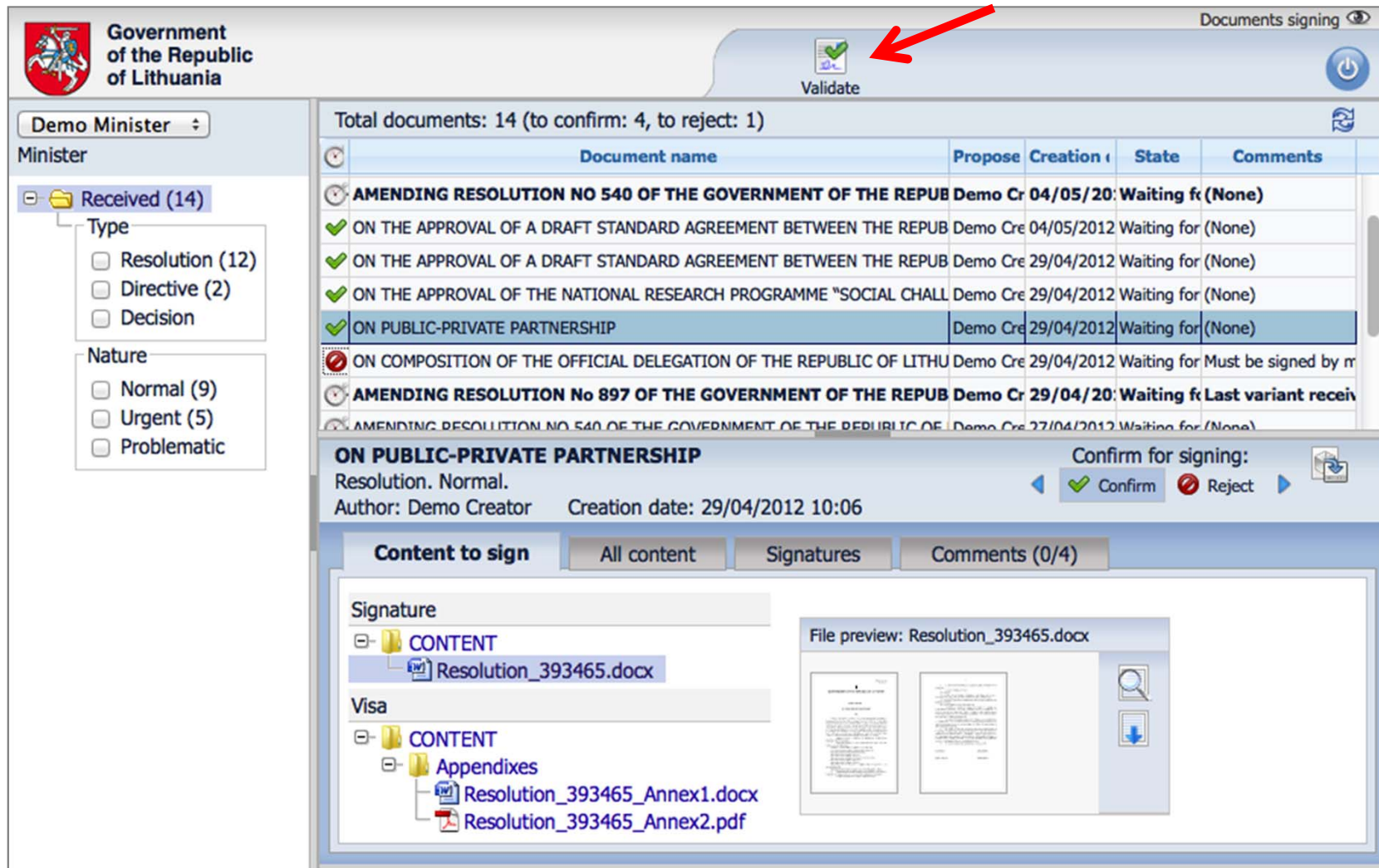
- More efficient issuance process – no walking between ministries and PMO
- More efficient exchange (no cover letters)
- Savings – no physical transportation, no posting (Parliament, President's Office, Official Journal, registry of documents, National archives (2011 documents already in the archive))
- Convenience



Key characteristics

- Certificate based authentication
- Quick preview before signing
- Batch signing
- Time stamping and long term preservation
- Documents registration and distribution
- Transfer to the National Electronic Documents Archive

Optimized interface for signatories



Government of the Republic of Lithuania

Documents signing

Validate

Demo Minister

Minister

Received (14)

- Type
 - Resolution (12)
 - Directive (2)
 - Decision
- Nature
 - Normal (9)
 - Urgent (5)
 - Problematic

Total documents: 14 (to confirm: 4, to reject: 1)

Document name	Propose	Creation	State	Comments
AMENDING RESOLUTION NO 540 OF THE GOVERNMENT OF THE REPUBLIC OF LITHUANIA	Demo Cre	04/05/2012	Waiting for (None)	
ON THE APPROVAL OF A DRAFT STANDARD AGREEMENT BETWEEN THE REPUBLIC OF LITHUANIA AND THE REPUBLIC OF POLAND	Demo Cre	29/04/2012	Waiting for (None)	
ON THE APPROVAL OF A DRAFT STANDARD AGREEMENT BETWEEN THE REPUBLIC OF LITHUANIA AND THE REPUBLIC OF POLAND	Demo Cre	29/04/2012	Waiting for (None)	
ON THE APPROVAL OF THE NATIONAL RESEARCH PROGRAMME "SOCIAL CHALLENGES"	Demo Cre	29/04/2012	Waiting for (None)	
ON PUBLIC-PRIVATE PARTNERSHIP	Demo Cre	29/04/2012	Waiting for (None)	
ON COMPOSITION OF THE OFFICIAL DELEGATION OF THE REPUBLIC OF LITHUANIA TO THE 10th Session of the Conference of the Ministers of Justice of the Council of Europe	Demo Cre	29/04/2012	Waiting for (None)	Must be signed by m
AMENDING RESOLUTION No 897 OF THE GOVERNMENT OF THE REPUBLIC OF LITHUANIA	Demo Cre	29/04/2012	Waiting for (None)	Last variant receiv
AMENDING RESOLUTION NO 540 OF THE GOVERNMENT OF THE REPUBLIC OF LITHUANIA	Demo Cre	27/04/2012	Waiting for (None)	

ON PUBLIC-PRIVATE PARTNERSHIP

Resolution. Normal.
Author: Demo Creator Creation date: 29/04/2012 10:06

Confirm for signing:
Confirm Reject

Content to sign All content Signatures Comments (0/4)

Signature

- CONTENT
 - Resolution_393465.docx

Visa

- CONTENT
 - Appendixes
 - Resolution_393465_Annex1.docx
 - Resolution_393465_Annex2.pdf

File preview: Resolution_393465.docx



Numbers and facts

- Near 300 users
 - Prime Minister, ministers, vice-ministers, chancellors, ordinary civil servants
- Almost 3000 documents
 - Government acts, resolutions, decisions, and Prime Minister's decrees
- Over 10 000 signatures
 - All ready for long term preservation
- 2011 documents already in National Archive



Conclusions

- Key factors for successful adoption of electronic documents
 - Legislation and infrastructure
 - User-friendly solutions
 - Political will
 - Public-private sector collaboration