

E-GOVERNMENT SOLUTION GOVERNMENT GATEWAY

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Countries

● Deployed Government Gateway

- Czech Republic
- Kazakhstan
- Malaysia

● e-Government Strategies

- Georgia
- Vietnam
- Montenegro
- Cyprus

The Requirement

- **Governments need to provide better, more efficient services to their citizens in a timely and cost-effective way**
- **Governments need to be more efficient in the way they conduct their operations and provide services**
- **Citizen/organization is in the center**

The Challenge

- **Handling ever-increasing demands and amounts of information**
- **Much of this information is still on paper or locked in back-end systems**
- **Enabling different parts of government to work together and share information**
- **“Rip and Replace” is neither a practical, nor cost effective solution**

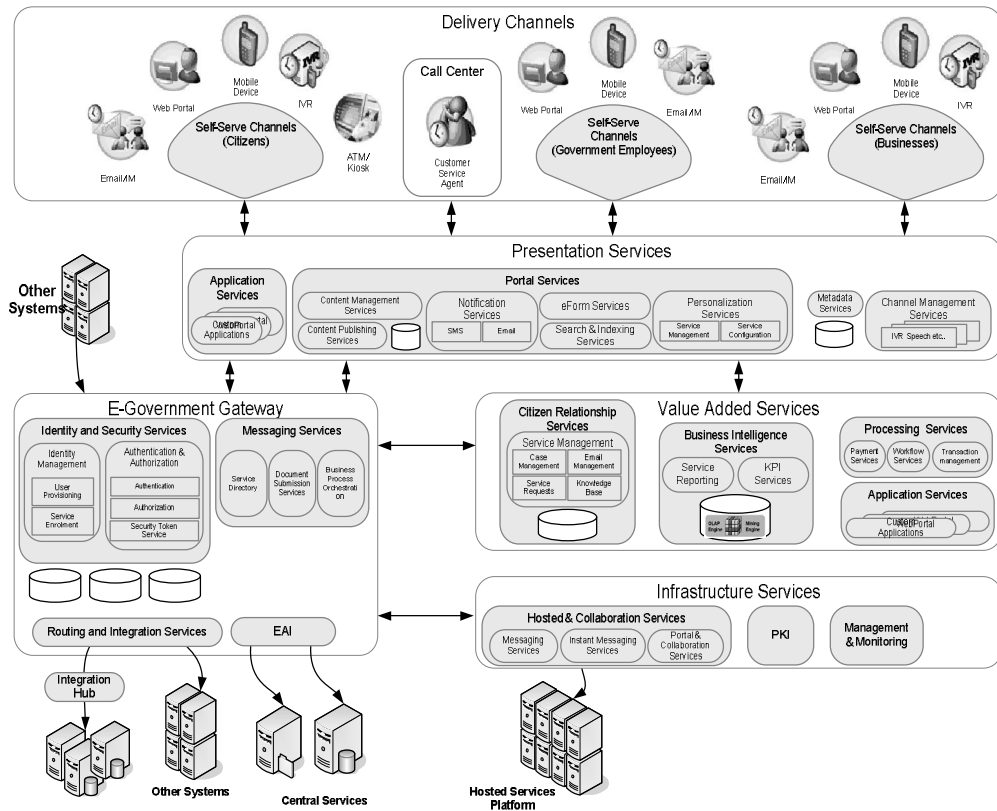
The Objectives

- **To provide the capability for a Single Personal Account, or a Single Business Account with Government**
- **To enable people to share information and transact with government in a beneficial way**
- **To gain cross-industry agreement on government specific exchange of information (XML schema)**

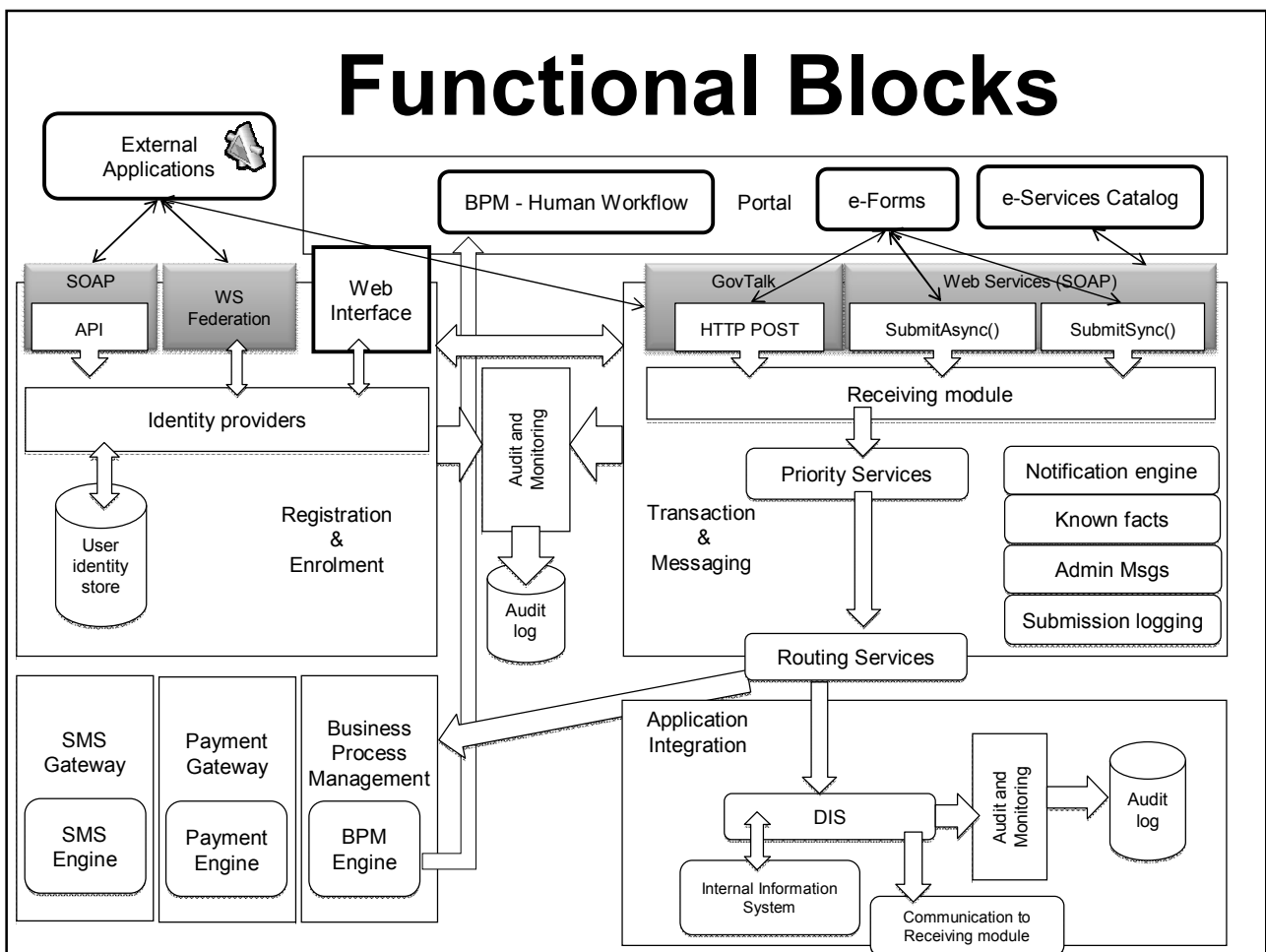
Usage scenarios

- **Citizen**
 - **Reports Income Tax to Ministry of Finance**
- **Organization**
 - **Reports VAT to MoF**
 - **Reports pension insurance to Social Security**
 - **Reports Intrastat to Customs**
- **Government**
 - **Testing facility results of driving tests to MoT**
 - **One Agency asks for data from second Agency**
 - **One Agency sends data to second Agency**

Logical Architecture



Functional Blocks



Government Gateway approach

- **Solution based on common knowledge**
- **Unified point for electronic transactions**

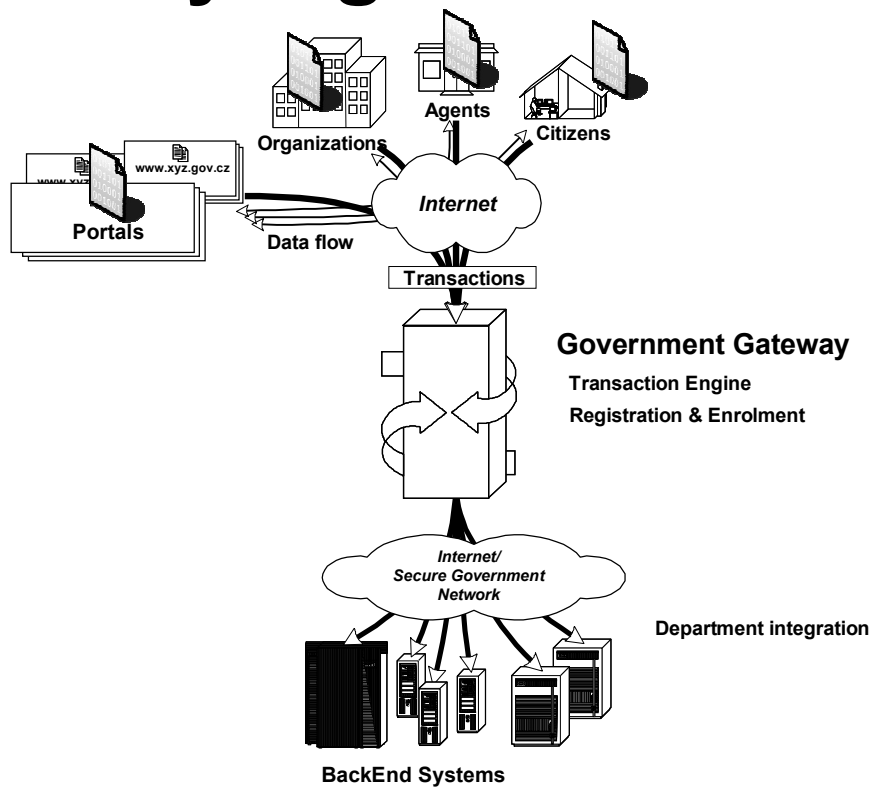
■ Government

- **Improved service delivery**
- **Reduction in cost of service delivery**
- **Greater awareness of services available**
- **Better targetting of services to those who need them**

■ Citizen/Business

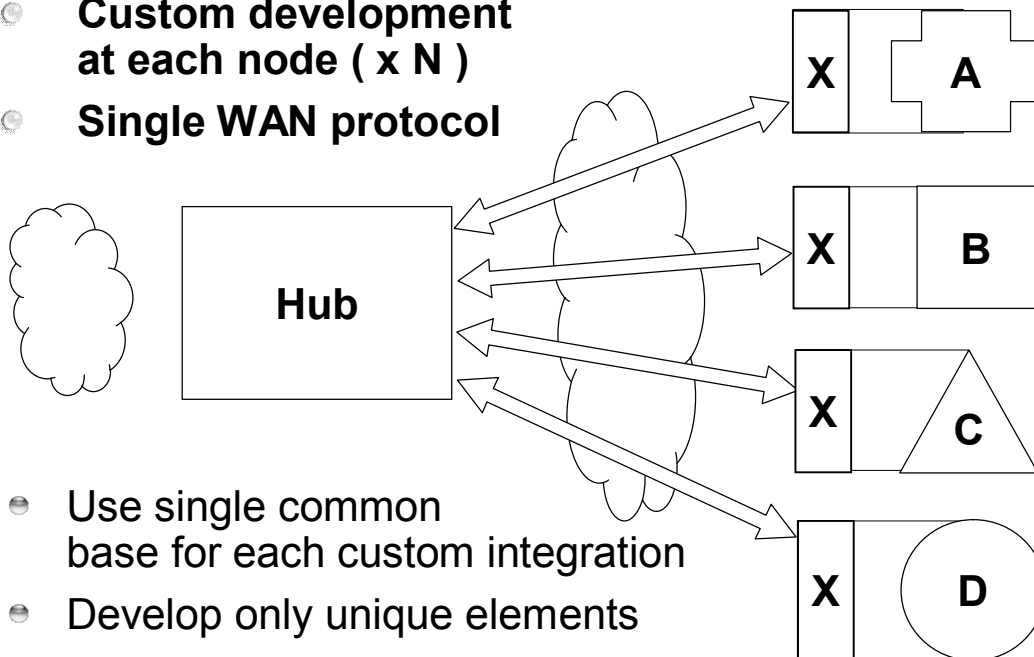
- **Reduced burden of government**
- **Faster turnaround of benefits**
- **Always on service**
- **Seamless integration of diverse departments**
- **Accessible to all**

Gateway logic



Integration – Remote Adapters

- Each system integrates to a common standard
- Custom development at each node (x N)
- Single WAN protocol



- Use single common base for each custom integration
- Develop only unique elements

Major steps to fulfill a vision

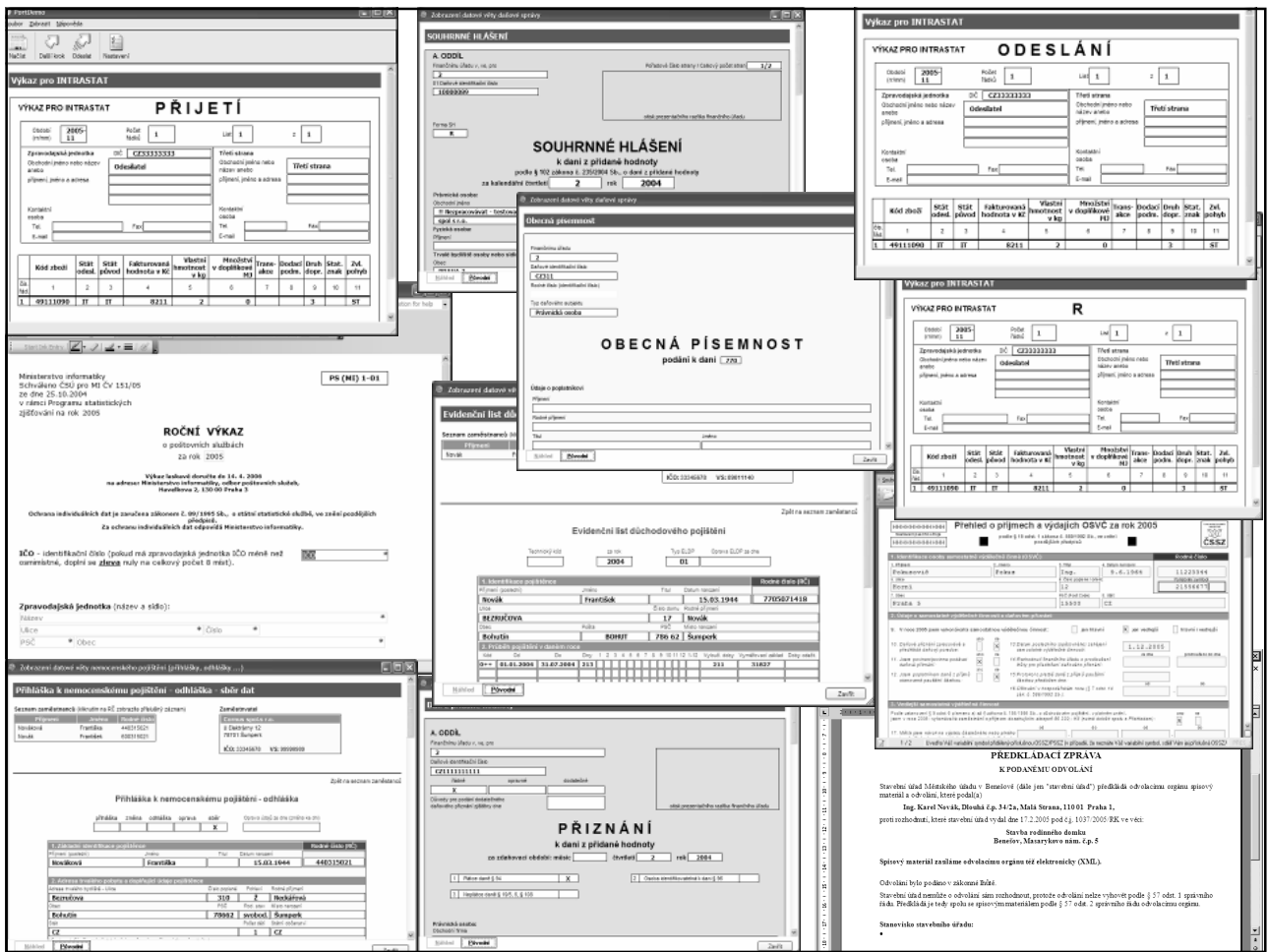
- **First presentation of Gateway – 2001**
- **On going presentations – 2002, 2003**
- **Contract signed – July 2003**
- **Gateway implemented – September 2003**
- **Cooperation with CSSZ – 2003/2004**
 - **Internal implementation**
 - **Processes**
- **ISV conference – June 2004**
- **First ERP packages ready – August 2004**
- **Routine operations – 2005 - until now**
- **Full technology and functionality upgrade – December 2007**

Lessons learnt

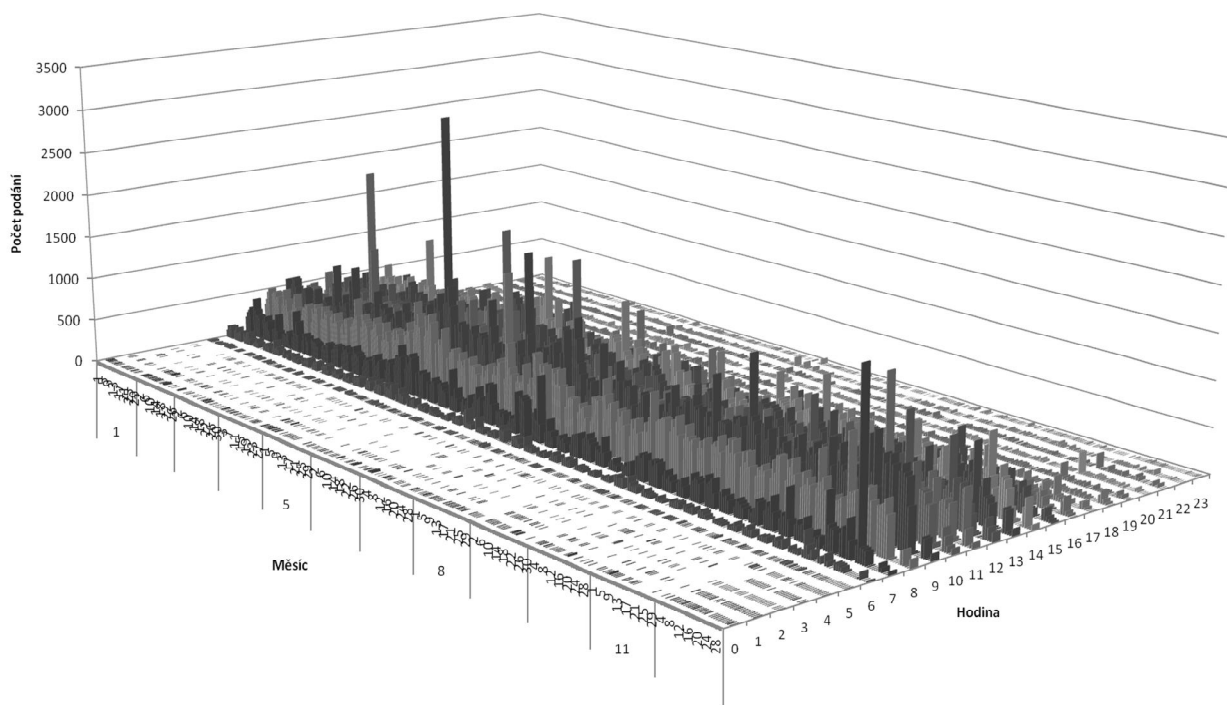
- **Security**
 - **Dealing with sensitive data**
- **Legislation**
 - **Written form**
 - **Attachments – originals?**
 - **Digital signature**
 - **Electronic data exchange**
- **Coordination**
- **ISV support – business counts**

Czech Social Security Administration

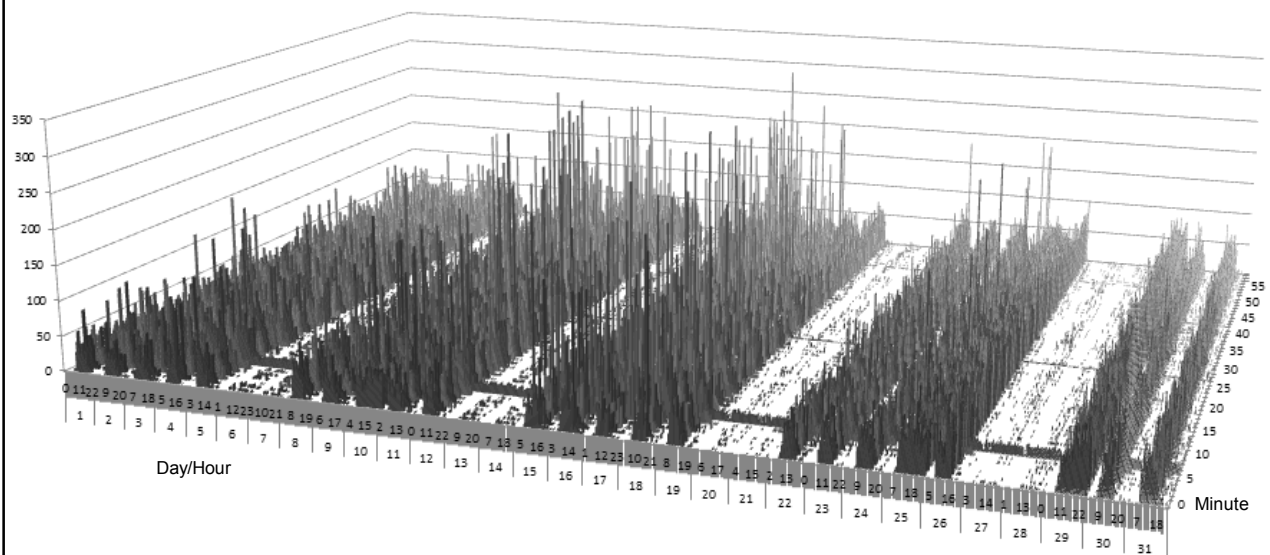
- **First service**
- **One year preparation**
 - **Internal processes**
 - **Internal training**
 - **New parts of information system**
- **Marketing campaign**
- **Related projects**
 - **BizTalk implementation**
 - **New integration infrastructure**
- **Other services**
- **ISV training**



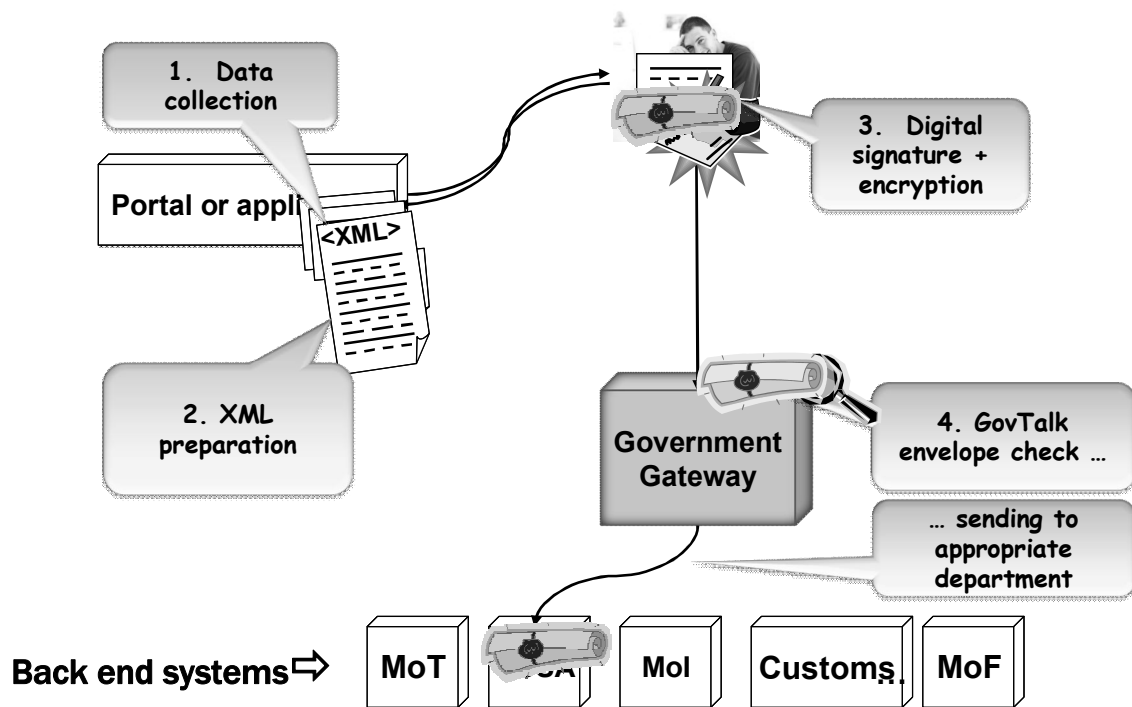
Solution that never sleeps



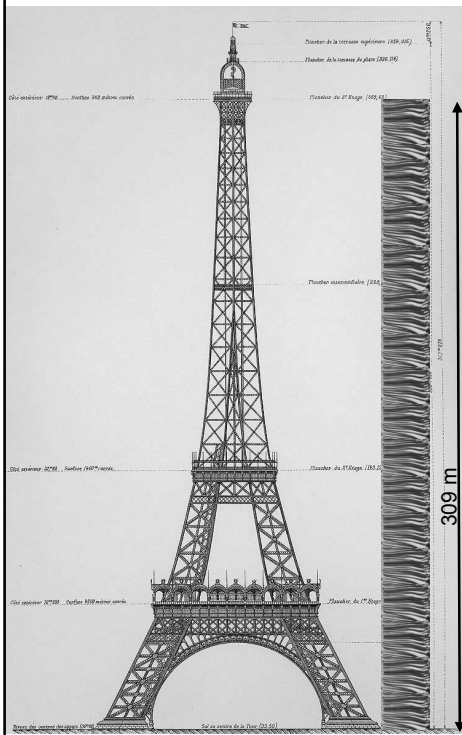
One month traffic



Document submission



CSSA forms in numbers I.



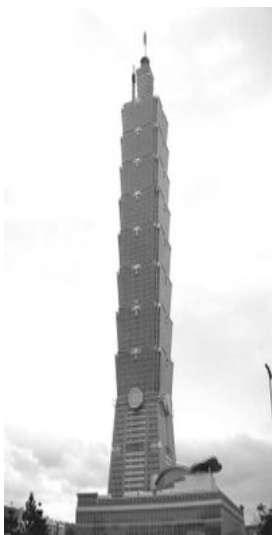
Accepted 1 937 000
pension forms

State to 20.6. 2005

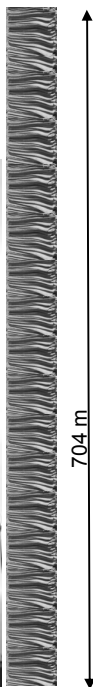
Weight 5 811 kg of paper



CSSA forms in numbers II.



Taipei 101 – 508 m



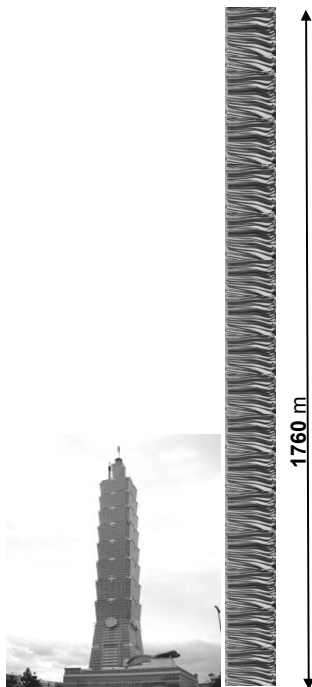
- Accepted 4 400 000 pension + healthcare insurance forms

- State to 31.8. 2005

Weight 13 200 kg of paper



CSSA forms in numbers II.



Taipei 101 – 508 m

- Accepted 11 000 000 pension + healthcare insurance forms

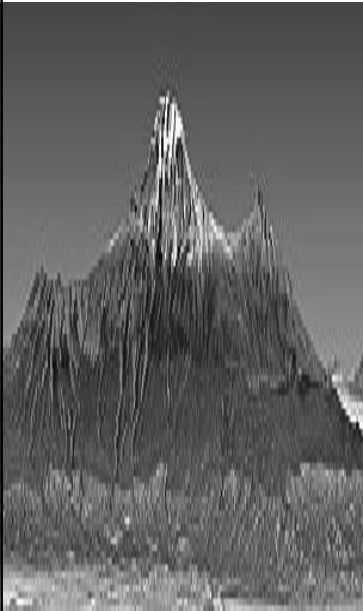
State to 31.8. 2006

- CSSA has saved cca 5 000 000 \$ for scanning and handling

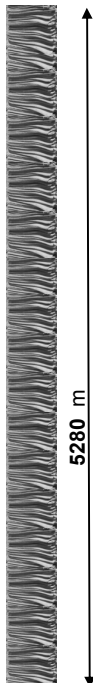
Weight 33 000 kg of paper



CSSA forms in numbers IV.



Kilimanjaro– 4600 m



- Handled **33 000 000** pension + healthcare insurance forms
- State to 31.12. 2007
- It includes all electronic forms transferred through Government Gateway but refused (15%) by CSSA due to errors inside of forms

Weight 99 000 kg of paper



Daily operations

- **Hot-Line – 24x7 – 4 trained operators**
- **Technical support – 24x7 – 4 technicians**
- **Project manager**
- **Regularly meetings**
- **SharePoint site**
- **Help Desk application**
- **Daily usage reports**

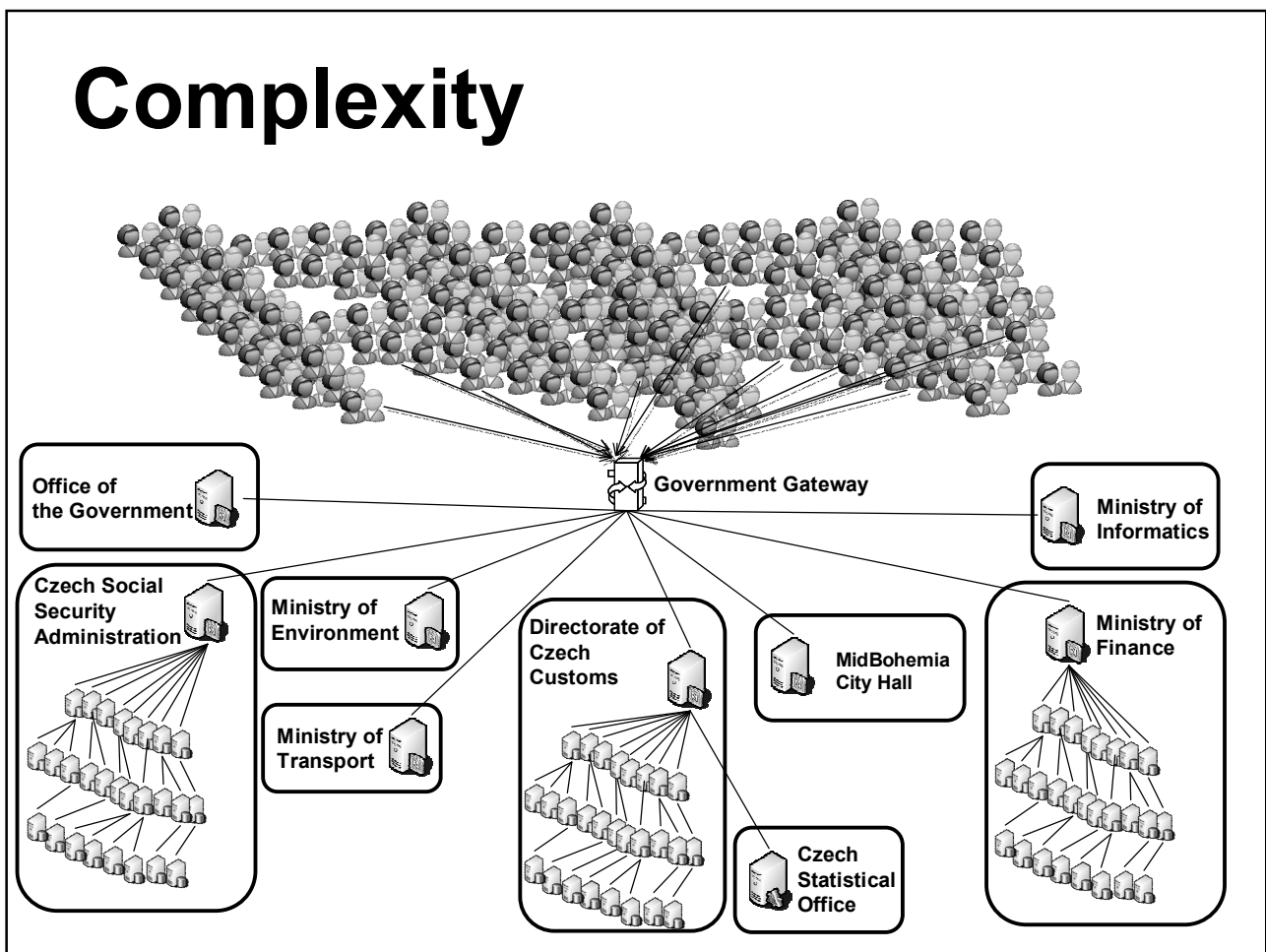
Building ISV community

- **Independent Software Vendors are critical for success**
- **Shared information**
- **They need support**
- **Community web**

Independent Software vendors

A&K computers	Elanor	IVASOFT	NeTa systems	SoftStudio
A.S.E.I.	ELISOFT	J.K.R.	NJK UNICOS	Softwarová a inf. Sp.
AKTIS	EN-Nástroje	JAGA software	NUGGET SW	SOHAW software
Alan Čermák	EPaS	Jana Jančurová	NZ Servis	SOHAW software Louny
ALFA Projekt	EPOS	JB Soft	OKD	STORMWARE
ALIS	EVEREST	Jiří Baláš SW	Oksystem	Stormware
Altec, a.s.	Faplikovaných vě	Jiří Hora Software	ORAX	SUNRISE
Altus Development	Flux sro	Jiří Hůla	Organizační kancelář	SW HORY
Alva Computer	GAMMA Studio	Jiří Jurka	Organizační kanc. PHA	SWM
AP&P Consulting	Gilmon Data,	KASTNER software	ORTEX	TAXAN
APL Expert	GORDIC	KELOC CS	P & I Personalistika	TechnoCentrum
APROBA	HAiDA	KOMAR Martin Koran	Pavel Hruška	Tichý & spol.
Baiers Advice	Halbrštát Pavel	KOMIX	Pavel Jaroš – SUMMUS	TILL CONSULT
BM Servis	HA-SOFT	Kooperativa	Pavera Martin	TK Soft
BMI System Czech	Helpsoft	Kvasar sro	PC HELP	TRIADA
BNSOFT GORDIC	HSF	KVINTA	PC System	TriPeM Info
C.A.C.	I.F.T. PROGRES	LCS	Petr a Jiřka Schusterovi	Třinecké železářny
ČIGLER SOFTWARE	IDS	LCS International	ProSoft	UEP
Complete Data Systéme	IDS Scheer ČR	LCS Softprofes	PROSPEKS-IT	UNIS - Brumov
Computer Laboratory	IIS Tábor	LEVEL firm, v.o.s.	Příbik Petr	Valet MT
Control	IND	LJ Software	PVS	Valmont
Cornus	Info Office	LOGIS	R2 SOFTWARE	VEMA
CSH	INFOS 2001	LORGA	Redlich Daniel	Vision Praha
Vysoké učení technické	Ing. Antonín Pavelka	LOVATO	Regionální finanční odbor	Vladimír Pazour
Česká rafinérská	Ing. Jiří Šrahulek	Luyten CZ	RTS	Vlastimil Fryč
ČMZRB	Ing. Karel Pavlík	M.C.Software	Rudolf Kuzník	VM-SOFT
ČZ	Ing. Karel Pavlík	MAGION systém	SAP ČR	VOSA software
DAPOS	Ing. Lumír Hedbávný	Masarykova univerzita v Brně	SBS	V-servis holding.
DELTA Systems	Ing. Petr Jaroslav	MAP	Severočeské doly	WEBCOM
DTG	Ing. Petr Sup	Milevský Software	Severomoravská energetika	Webia
E- racion	Ing. Rippel Milan	MilSoft	Shaw Software	YMIR
Ekon. a inf. systémy	Integrodát software	Mirodata	SIS	Zbirovia
EKO-SOFT	ISIT	M-line	Smssoft	ZZNet
Ekosoft (C) net	ITS	MRP - Informatics	SOFT-PC	

Complexity



Gateway Summary

- **Gateway accelerates the ability of Government to deliver services electronically**
- **Gateway is powerful, secure and reliable**
- **R&E provides national-scale authentication and authorization services**
- **TxE is fast, secure, reliable, once-only delivery of messages to Service owners**
- **DIS simplifies the job of service providers in communicating with the Gateway**

QUESTIONS

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