

# PRISONCLOUD

A secure content delivery platform for prisons



Federal Public Service  
**Justice**

.be



**The Brics we need**

- Flexible and secure delivery platform
- Separation of Concerns
- Service Oriented
- Secure end user hardware components
- Secure authentication & authorization
- Good performing and secure network

**NEWCOM PRINCIPLES**

- One platform - same principles
- Very secure
- Flexible and open
- Reuse of components
- Easy to manage
- ...



**"The Cloud....."**

...Could mapping a model for enabling services...  
...to be used in a secure and safe way...  
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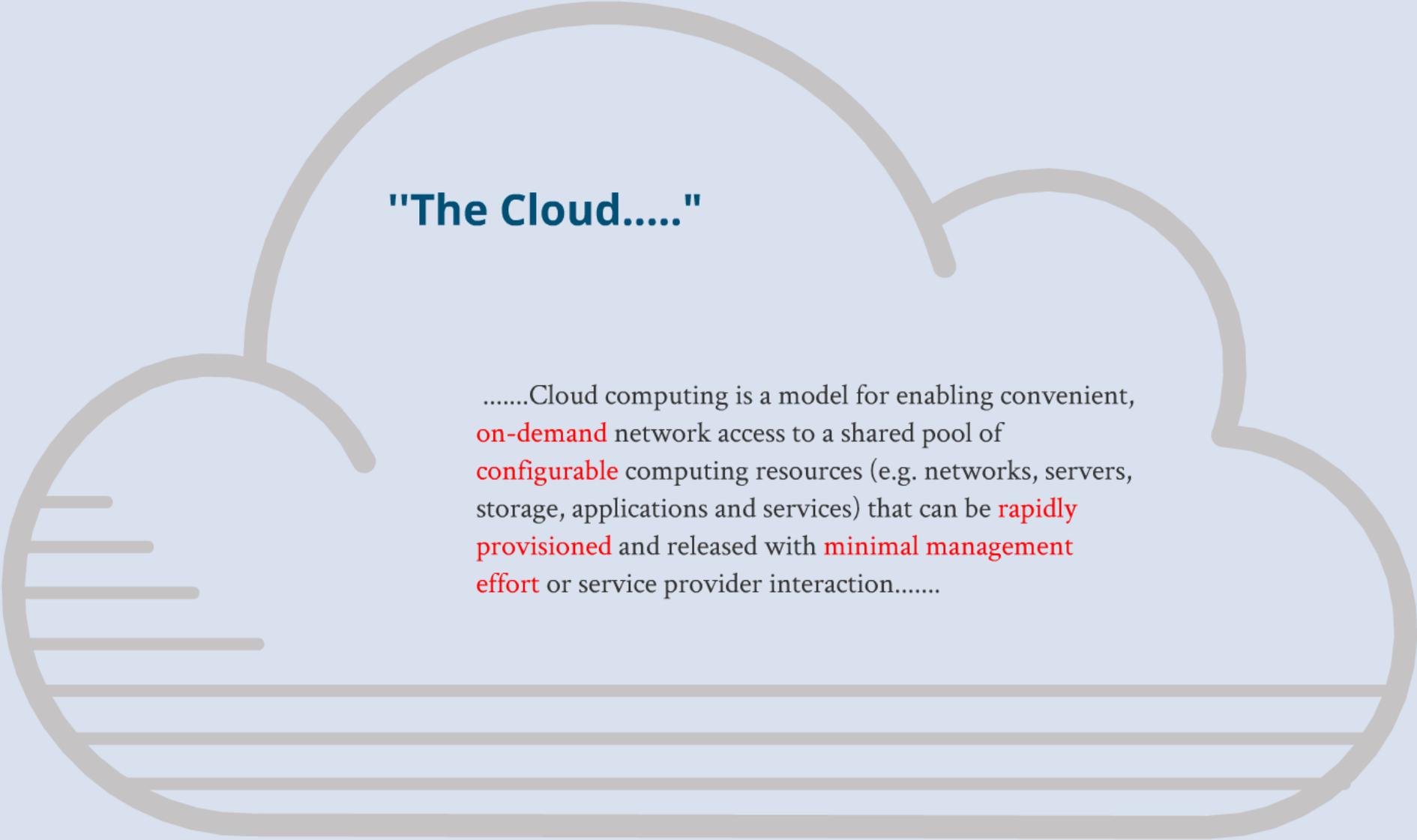
Federal Public Service  
**Justice**





New model needed....

- **One platform - same principles**
- **Very secure**
- **Flexibel and open**
- **Re-use of components**
- **Easy to manage**
- ...



## "The Cloud....."

.....Cloud computing is a model for enabling convenient, **on-demand** network access to a shared pool of **configurable** computing resources (e.g. networks, servers, storage, applications and services) that can be **rapidly provisioned** and released with **minimal management effort** or service provider interaction.....

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# PRISONCLOUD



Controlled Internet Access - Diary & Calendar Management - Controlled Messaging



### Prison Life

- Regulations
- Restaurant
- E-shop
- Virtual Wallet
- Intranet
- Religious broadcasts
- Televisit
- Telephone



### Education & training

- E-learning
- Library
- Job Search



### Welfare & Healthcare

- Medical Support
- Social Guidance
- Remote surveys
- Inmate Watch (Suicide prevention)
- Psychological Assistance



### Prison Industries

- Call Centre
- Secretarial work
- CAD
- Software development



### Legal

- Juridical Dossier Access
- Lawyer Contact
- Police Interrogation
- Online Court Appearance
- Councelling
- Appeals



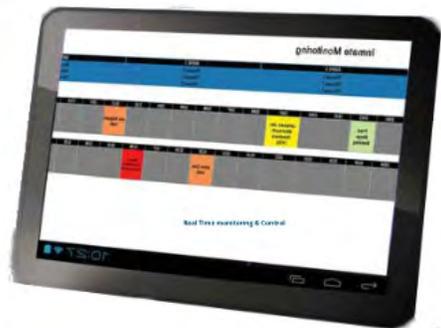
### Leisure

- Video on Demand
- IPTV
- Music
- Video-games



**SECURITY**

Top and bottom level access  
Access control  
Access log  
Access control  
Access control  
Access control  
Access control  
Access control  
Access control





## SECURITY

Time and location based service access

Multilevel authentication

- hardware key,
- device authentication
- username and a password
- fingerprint
- other biometrics
- .....

Every service in a separate software layer

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- **....**

**Every service in a separate software layer**



**Easy Management**  
Integration with existing systems  
Full-featured open architecture  
Reduces effort  
User & group based security

## **Easy Management**

Integration with existing systems

Individual approach possible

Real-time effect

User & group based security

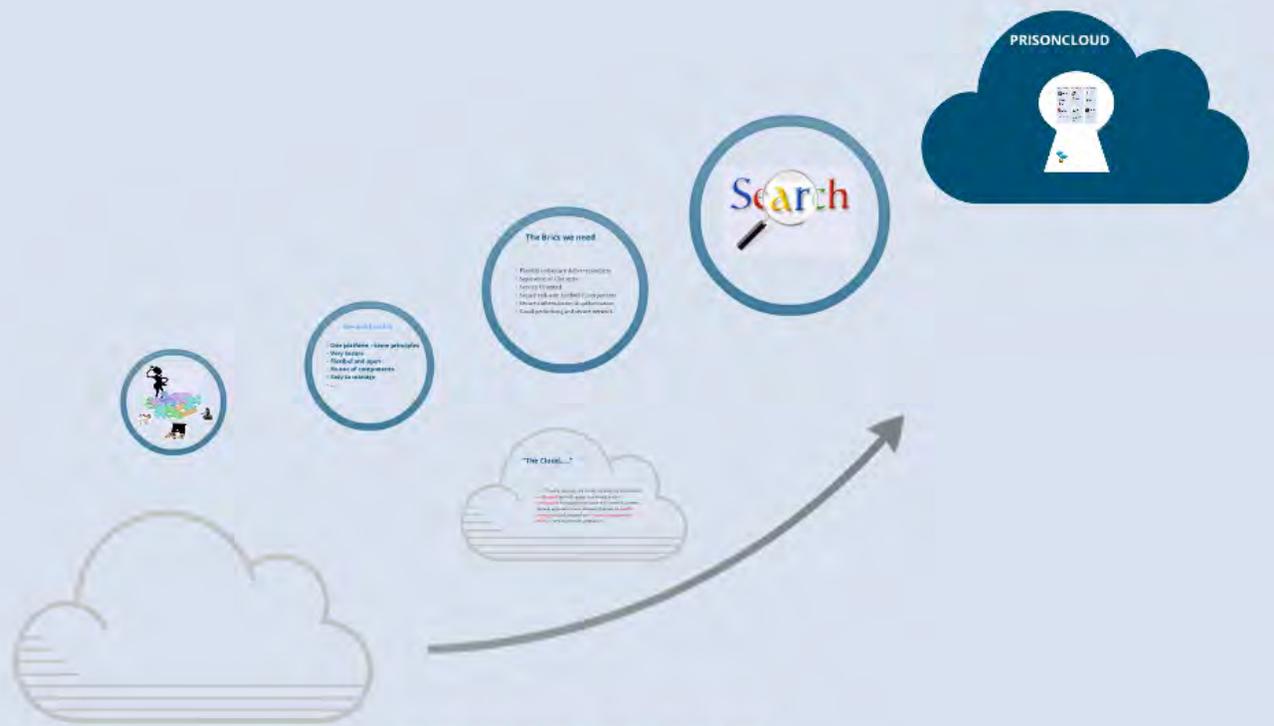


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Real Time monitoring & Control

TS:01

# Real Time monitoring & Control



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