



Vlaanderen
verbeelding werkt

Building a shared eSignature platform

25 februari 2016

**Vlaamse
overheid**

Program

- Flemish government (FG)
- HFB
- FG eSignature services (As Is)
- FG eSignature services (To Be)
- Conclusion

Flemish government

Scope

- Region of Flanders
- Community of Dutch speaking belgians

Responsible for

education, youth, employment, mobility,
public infrastructure, culture, welfare,
economics, innovation, ...



Consists of

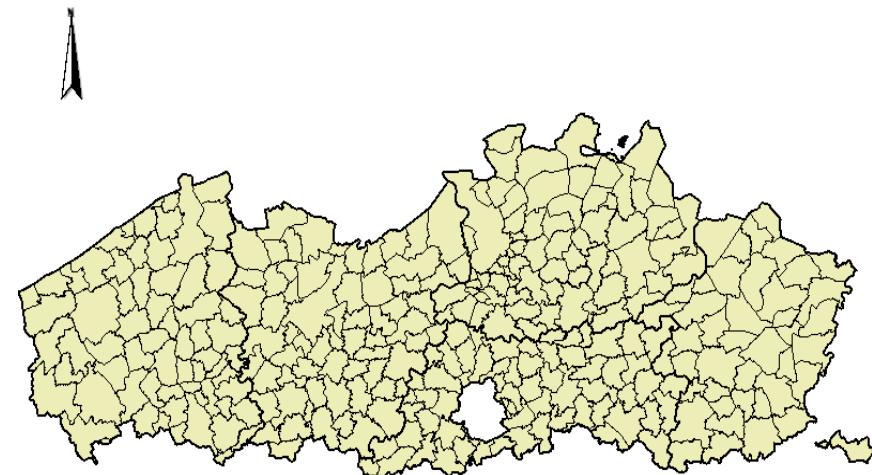
13 “beleidsdomeinen”

More than 50 departments / agencies

Supports

5 provinces

308 cities & principalities



HFB (“Het Facilitair Bedrijf”)

delivers

Shared services

about

Facilities & ICT

to

VO agencies, local governments



AGENTSCHAP
FACILITAIR BEDRIJF



eSignature service (As Is) – DTPv1 : Context

- *Case*

- diminish mountains of paper
- speed up processes

- *Requirements*

- Usable internally in government & in [interaction](#) with citizens and economic actors
- Legally valid signing
- Timestamping
- Different formats
- Multiple signatures
- WYSIWYS
- Enable Multiple client OS support
- Supports open standards (PADES)

- *Scope*

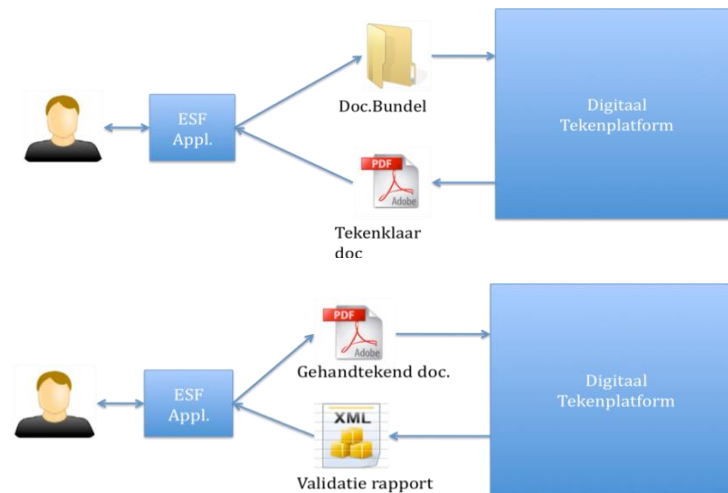
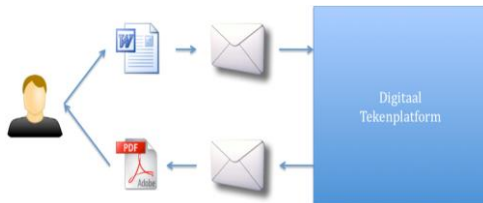
- Simple document-signing for civil servants
- Generic document/dossier signing service for platforms / applications

DTPv1 : deployment

- *Platform*

- Adobe LC based
- Configured for FG
- Internally hosted
- Client signed with eID

- *Interfaces*



DTPv1 : legal aspects

Prepare for signing (signing with e-ID on client device)

- Eidas regulation is not applicable since signing on client device
- Qualified eSignature
- No special requirements

DTPv1 : lessons learned

1. Efficiency !!!
2. User friendliness
3. Client dependency
4. Workflow capabilities
5. Status information

eSignature service (To Be) – DTPv2

- *Case*

Same as DTPv1

- *Requirements*

Same as DTPv1 plus

- Bulk signing
- Web interface (online signing)
- Ease of use
- Workflow
- Status board
- Document seals (remote signing using server certificates)
- Integration with VO IAM

- *Scope*

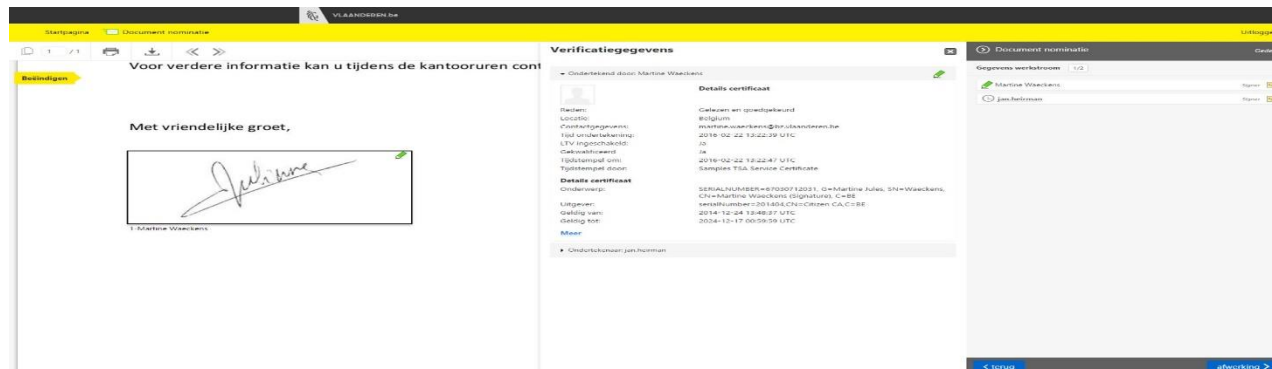
- Same as DTPv1

DTPv2 : deployment

- *Platform*

- Based on Ascertia / Dios middleware
- Configured / integrated for FG
- Internally hosted
- Client signed with eID or server signed

- *Interfaces*



DTPv2 : legal aspects

1. Remote signing

- Eidas regulation is not applicable since internal usage
- Advanced eSignature (substantial or high)
- Requirements:
 - Server side signing implies security requirements on all server components
 - It should be clear to the eSigner what he/she signs and he/she should explicitly give the admission to sign

2. Bulk signing

- Eidas regulation is not applicable since internal usage
- Advanced or qualified eSignature
- Requirements:
 - WYSIWYS – completely under control of eSigner

FG eSignature services : conclusions

- FG to implement DTPv2
- Internal use
- not a QTSP
- Compliance with european standards
- Policy document with terms of conditions
- Implementation path to support all approved european formats
- Highly secured platform

Contactinformatie

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