



Ministerie van Binnenlandse Zaken en  
Koninkrijksrelaties

# Pre-Post Quantum Crypto at the Dutch Government

= We prepare =

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# CIO Rijk: coordination of IT efforts at Dutch government

- › Government wide policies and initiatives
- › General IT facilities and governance
- › Political and administrative support
- › Knowledge and skills
  
- › CISO Rijk
  - Information security
  - Privacy advice
  - Coordination of security issues between ministries
  - Chair of CISO-council



# Dutch Central Government

12 independent ministries reporting to a minister, reporting to parliament

Premier is chair of the council of Ministers

Minister of Interior and KR coordinates the working of central government

20 April 2021 | Pre - Post Quantum Crypto at the Dutch Government



Ministerie van Algemene Zaken



Ministerie van Binnenlandse Zaken en Koninkrijksrelaties



Ministerie van Buitenlandse Zaken



Ministerie van Defensie



Ministerie van Economische Zaken en Klimaat



Ministerie van Financiën



Ministerie van Infrastructuur en Waterstaat



Ministerie van Justitie en Veiligheid



Ministerie van Landbouw, Natuur en Voedselkwaliteit





## Rearview Mirror

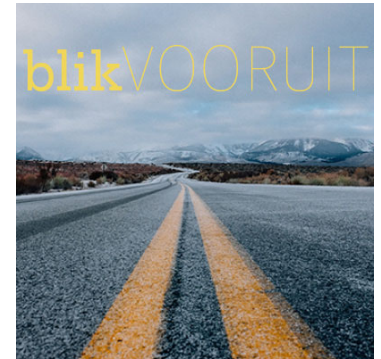


- > 2015: Presentation by our National Security Services
- > Followed technology developments in our security community (eTIB)
- > 2019: Presentation by TNO with main message: change is coming, create awareness
- > Information sessions at our CTO and CISO's councils
- > 2020: CIO Rijk supported TNO in the NWO call 'Cyber security - towards a secure and trustful digital domain'
- > All the time we were following the NIST developments



# Looking Forward

- > Our plans coming years: from research and point solutions to practice
  - As part of our new i-Strategy
- > Awaiting updated publications of our National Security Services (AIVD),
- > Anticipate on post quantum cryptography in policies where possible and monitor implementation
- > Support the crypto scene in NL with PhD-programme and national crypto strategy
  - Invest in research and product development
  - Provide government agency with appropriate material





# Take Home Statements

- > Implemented technology is where the mathematical quantum rubber hits the organisations road!
- > We are aware of the impact and we prepare

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