

The Hague Security Delta



Businesses, governments and knowledge institutions collaborate on innovation, education, and knowledge in the field of security

In The Hague Security Delta (HSD), the leading security cluster in Europe, businesses, governments and knowledge institutions work together on innovations and knowledge in the field of cyber security, national and urban security, protection of critical infrastructures, and forensics. They have a shared ambition: a secure world and economic development.

Joint Initiatives

- Stimulate security innovation
- Stimulate applied security research & education
- Expand and strengthen security sector
- Organise access to and alignment of financial funds for security
- (Inter)national Marketing & Acquisition
- Stimulate aggregated demand within Dutch government
- Security Talent Community

Facts & Figures (The Netherlands)

- 3,900 security companies, of which 400 in The Hague region
- Total revenue of 7,2 billion euros, of which 2,27 billion euros in The Hague region
- Main growth areas: digital forensics & cyber
- 61,600 jobs, of which 15,200 in The Hague region.
- The Hague region strongly represented in non-traditional security (e.g. cyber security) in terms of turnover and number of jobs.

Partners of The Hague Security Delta include:

Corporate	Alliander, Cisco, Deloitte, Fox-IT, IBM KPN, DNB, Nedap, Siemens, Thales, Huawei, IBM, ABN-AMRO, Palo Alto Rabobank, SBM Offshore, Stedin
Small and Medium Enterprises	Onegini, Redsocks, Zivver, Tymlez, Aerialtronics, CoBlue, Considerati, Group 2000, Scarabee, Lobeco, Robin Rader, Riscure, Scarabee
Government	Ministry of Security & Justice, Ministry of Defense, National Coordinator for Security and Counterterrorism (NCTV), National Cyber Security Centre (NCSC), National Police, Logius, TS&S, DITSS, Municipality of The Hague
International institutions	Europol, Eurojust, European Cyber Crime Centre, OPCW, NATO NCI Agency
Knowledge & research institutions	Netherlands Organisation for Applied Scientific Research (TNO), HCSS (The Hague Centre for Strategic Studies), NFI (Netherlands Forensic Institute), ENCS (European Network Cyber Security)
Education	The Hague and Leiden University of Applied Sciences, Delft University of Technology, University of Leiden and Twente, Cyber Security Academy

National Innovation Centre for Security

In February 2014, the Dutch Minister of Security & Justice opened the HSD Campus, the national innovation centre of the security cluster with living labs, education and training facilities, flexible office space and meeting rooms. In 2016 the Campus was expanded with an International Centre.



Examples of Innovations in The Hague Security Delta

Integral Area Protection

In the heart of The Hague, the International Zone is located which is home of international organisations, such as Europol, Eurojust, OPCW and the World Forum. Each organisation has its own processes and measures (fences, buffer zones, security guards) in order to control the security in and around its organisation. A more integrated approach will ensure that the required safety can be achieved more efficiently and in a way that users will be less disturbed by it. HSD supports a consortium with Thales, TNO and Siemens in order to create a 'living lab' for security innovations of the International Zone. The first phase is aimed at sharing security-related information between international organisations and the police through a shared security information platform. Within this platform, information will be enriched with data from open sources of third parties, such as the World Forum.

Exploration National Cyber Testbed

Increasing cyber threats lead to major societal challenges. However, it also provides many business opportunities. That is why HSD and TNO have explored the necessity for creating a National Cyber Testbed, where critical digital infrastructures and products can be tested in a protected digital environment. The test centre will provide answers to various aspects of cyber threats, with the focus on 'Smart Cities' and 'The Internet of Things'. In 2017 KPN, TNO and the Municipality of The Hague announced their support for the development of such a National Cyber Testbed. They underlined the importance and will be the first to invest in developing concrete applications. The ambition is that more parties will join.

Building a Track Record

2012	<ul style="list-style-type: none">• Start of The Hague Security Delta
2013	<ul style="list-style-type: none">• Start of HSD Development Fund (co-financing security innovations)• HSD Foundation established• NFI built CSI Capetown in South Africa (forensic innovation)• European Cyber Crime Centre established in The Hague• Dutch Cyber Security Centre established in The Hague
2014	<ul style="list-style-type: none">• Opening HSD Campus, the national innovation centre for security• Start of Cyber Security Academy• World Nuclear Security Summit in The Hague• ASIS International Security Conference in The Hague• Start of 8+ security innovation programmes & projects• Launch National Innovation Agenda for Security 2015• Launch of Security Talent website
2015	<ul style="list-style-type: none">• The 4th International Conference on Cyberspace was held in The Hague• NATO to establish its ICT and cyber units in The Hague
2016	<ul style="list-style-type: none">• Start Human Capital Action agenda• European Security Research & Innovation Event in The Hague• Expansion HSD Campus with the International Centre• Citydeal 'Stedelijke Veiligheid' signed• Opening Cyber Threat Intelligence Lab at HSD Campus• Softlanding programmes with USA and Canada
2017	<ul style="list-style-type: none">• First graduation of Executive Master's in Cyber Security• International Cyber Security Week

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