

Our Specialists



[Jelle Hoekstra](#)
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[Joeri Beetz](#)



[Nico Cordes](#)



[Roel van Woudenberg](#)

DELTA PATENTS

Software and Information Technology

Our patent experts in these fields have worked for multinational corporations such as Philips and NXP. Several of them graduated in technical mathematics.

- Security and Reliability
 - Conditional Access Systems, Digital Rights Management, e.g. OMA v2
 - Security and cryptography of data storage and transmission
 - White-box technology
 - Side-channel protection
 - Secure key storage
 - Error correcting codes
 - Compiler technology
- Digital signal processing, audio/video processing
 - Audio/video encoding (e.g. MPEG)
 - Audio/video formats (e.g. DVD, Blu-ray)
 - Video processing, e.g. frame-rate conversion, resolution enhancement
 - Image processing, e.g. 3D imaging, medical imaging
 - Video analysis and machine vision, e.g. object tracking, recognition, ...
 - Display-specific processing, e.g. 3D-TV, LCD, OLED, high-dynamic range
 - Speech technology, speech recognition
- Software and user interfaces
 - Software implemented algorithms, such as scheduling algorithms, design
 - Software architectures
 - User interfaces, in particular for consumer electronics systems (e.g., touch screens, graphical tablets, mice, trackballs and joysticks)
 - Software, e.g., video games, anti-virus software, network bridges, search engines, email services, windowing
 - Internet services, e.g., advertisements on data network, help-desk functionality
 - Healthcare informatics
 - Health and weight monitoring and management
- Protocols
 - In-car communication systems (e.g. CAN)
 - Network management and routing protocols
 - Communication protocols
- Computer automated design and design automation
 - Optimization of physical chip designs
 - Design for Manufacturing
- Drug discovery tools