

## SECURITY SERVICES

*24x7 monitoring and response to thwart automotive threats*

Gartner is predicting that by 2020 there will be a ¼ billion connected cars on the road. With such a massive change to a century-old industry, automotive OEMs must act with the utmost urgency to understand and enhance their operations in order to deal with new security threats brought on by the connectivity. Cybercriminals are already exploiting the increased online access to devices in multiple IoT segments and causing significant harm to consumers and organizations. In fact, it has reached the point where cybercrime is now more profitable than the global drug trade. This professionalism is not only demonstrated in the stolen value, but also in the maturity of services being offered by cybercriminals. In just a few clicks, complete Crime-as-a-Service subscription models including SLAs are available on the Darknet. Ordering a disruptive Distributed Denial of Service (DDoS) attack hasn't been easier. Malware and ransomware developers even offer comprehensive management dashboards to show the effectiveness of an attack.

The automotive industry is an irresistible target for cybercriminals, with ransomware and malware being potentially the weapon of choice. Automotive OEMs must be proactive and have experienced partners to help them defend against such threats. One of the most critical defense elements is to be able to monitor vehicles in real time, immediately identify attack attempts and take appropriate responses to neutralize threats. Irdeto Security Services, part of Irdeto Cloakware for Automotive, can help OEMs with the following:

- Security assessments.
- Cyber incident planning and response.
- Policy-driven security telemetry.
- Cyber forensics and law enforcement support.
- 24x7 monitoring in Irdeto Security Operations Center (SOC).

Irdeto offers an extensive range of security services and has a dedicated global team of cyber security and computer forensic analysts, with years of law enforcement and legal experience. With experience across different industries, Irdeto has a successful security services track record of protecting and advising customers.



IRDETO SECURITY SERVICES ARE TAILORED TO MEET AN OEM'S NEEDS, AND INCLUDE THREE MAIN ELEMENTS:



#### IT SECURITY ASSESSMENTS

The Irdeto IT Security assessments are focused on cyber-attack prevention, getting insight into your vulnerabilities before others do. Irdeto's ethical hackers provide various security tests:

- Software protection consulting and assessments for mobile, desktop, server and embedded.
- Configuration review: Reviewing the current security configuration and identifying your security vulnerabilities.

#### CYBER INCIDENT PLANNING & RESPONSE

Preparation for a security incident is just as important as incident response. Our Incident Planning and Response service offers both preparation and response capabilities:

- Planning: Regardless of how good your security may be, a cyber-incident can still occur due to human error. The Cyber Incident service supports clients with the preparation for a cyber-attack. This includes training of relevant personnel, on-site security and procedural reviews.
- Response: Getting back to business quickly after a cyber-attack is critical. Customers can reach the Irdeto Incident Response hotline 24x7 to call for support and if necessary, arrange on-site support. Irdeto also provides on-site forensic investigation services to gather and analyze evidence.

#### CYBER FORENSICS & LAW ENFORCEMENT SUPPORT ANTI-DEBUG

Irdeto's Cyber Forensic team has the capability to perform extensive digital forensic investigations around the world. Our experts can perform on-site evidence gathering according to forensic industry standards. The analysis can be performed in one of our five forensic laboratories. Irdeto is experienced in preparing detailed briefs of evidence and expert witness testimony to support both criminal and civil proceedings.

*Irdeto Cloakware for Automotive is a comprehensive solution that combines innovative, patented technologies and cybercrime services to address a variety of security challenges in a car. It provides automakers and tier-one suppliers with a secure, tamper-proof environment for vehicle software that is virtually impossible to reverse engineer. For more information, please refer to the datasheets for the solution components at [irdeto.com](http://irdeto.com)*