WHO WE ARE
Infosec Global provides sustainable data protection for a digital world. Founded in 2013, Infosec Global received its first patent from a pipeline of patents in 2016. We provide thought leadership, expertise and technology innovation in cryptography and data protection, while delivering products and services that protect data and comply with cryptography regulations across the globe.

WHAT WE DO
• Empower customers with flexibility and control
• Reduce time to market and increase productivity
• Accelerate global compliance
• Centrally identify and manage potential data risks and vulnerabilities
• Ensure interoperability of standard, custom and multi-crypto environments
• Ensure confidentiality, integrity and authenticity of data and communications
• Future proof your data protection with crypto agility and quantum ready technology

HOW WE DO IT
• Infosec Global’s Agilesec Platform enables the interoperability of standard, custom and multi-crypto solutions with a real-time service that remotely manages and updates the cryptography of critical systems and connected smart devices
• The Agilesec Platform allows software and device customers to keep their cryptography current over time, and allows enterprises and governments to offer solution products to markets with non-standard security requirements, without having to rebuild, package and maintain a custom non-standard variant of their product globally
Future proofing security within the digital ecosystem has brought cryptography to the forefront of cybersecurity. The Internet today is built on cryptography, with billions of hyper-connected devices all accessing the internet using encryption to secure and protect the confidentiality and integrity of data, devices and communications. Cryptography is pervasive, integrated into IoT devices, the network, servers, applications and in the cloud. The demand for privacy and confidentiality has been the catalyst for custom, in country cryptography and the need for standard, custom and multi-crypto agility in both the government and commercial enterprise is rising exponentially. Modern cryptography is fundamental for security architects to layer security and keep information private and protect against fake communications. Today, commercial systems can only use a handful of cryptographic algorithms that are well studied by mathematicians. These security standards become outdated and less secure over time.

**Cryptography at the forefront of cybersecurity**

Cryptography is the first level of data protection.

**Cryptography is the first level of data protection**

1# Cryptography

2# Application

3# Platform

4# Network

Data & Communication Confidentiality
Make sure data cannot be accessed by 3rd party.

Data & Communication Integrity
It makes sure data integrity cannot be tampered by 3rd party.

Data & Communication Authentication
It authenticates data to make sure origin is a trusted source.
CRYPTOGRAPHY IS FATIGUED

Crypto weakens over time and will evolve to address upcoming threats
Need for seamlessly deploying new crypto across digital footprint

CRYPTOGRAPHY IS FRAGMENTED

Crypto will adapt to efficiently support emerging use-cases
Need for interoperability across digital systems using different crypto

CRYPTOGRAPHY REQUIRES INVESTMENT

Crypto lacks innovation and is taken for granted
Need for improved visibility of crypto risk over digital ecosystem

WHERE THERE IS DATA, THERE IS CRYPTO

CYBERSECURITY REQUIRES NEW INNOVATION IN CRYPTOGRAPHY
THE AGILESEC PLATFORM
SCALE FROM IoT TO THE CLOUD

Infosec Global’s Agilesec Platform is the only enterprise multi-cryptography suite that homogenously applies, manages and controls usage of cryptography across a large scale digital footprint. It provides agility and interoperability in the field of crypto and delivers unique real-time service that remotely manages the cryptography of critical systems. Infosec Global’s platform pro-actively mitigates crypto risks, automatically patches vulnerabilities and prevents the use of obsolete weak crypto ciphers. Infosec Global’s platform switches crypto when needed for safety and optimization.

The Agilesec Platform is a true platform solution that is able to identify threats and manage/update crypto from a centralized control interface.

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<thead>
<tr>
<th>CRYPTO VULNERABILITY</th>
<th>AGILESEC SOLUTIONS</th>
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<tbody>
<tr>
<td>Pro-actively detect potential crypto threats within enterprise ecosystem</td>
<td>Empower solutions with capability to update crypto with minimal efforts</td>
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<td>AGILESCAN</td>
<td>AGILESEC ASSURANCE</td>
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<tr>
<th>NETWORK PROTECTION</th>
<th>TRUST MANAGEMENT</th>
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<tr>
<td>Protect critical communication with resilient and agile cryptography</td>
<td>Centrally manage lifecycle of encryption and identities</td>
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<td>AGILESEC VPN</td>
<td>TRUST AUTHORITY</td>
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<tr>
<th>AGILESEC CRYPTO</th>
<th>SCALE</th>
<th>PLATFORM AGNOSTIC</th>
<th>MODULAR</th>
<th>COUNTER MEASURES</th>
<th>QUANTUM SAFE</th>
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<td>The only multi-crypto, interoperable solution that empowers users with the ability to seamlessly swap and update cryptography</td>
<td>Scales to any environment from IoT to the cloud, with minimal development effort</td>
<td>Supports mobile, server, and cloud environments with pure software or hardware-accelerated cryptography</td>
<td>Select individual products or entire platform based on implementation requirements</td>
<td>Resistant to known side-channel attacks</td>
<td>Quantum-ready algorithms can be loaded in the Agilesec crypto solution</td>
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“We provide an agile secured platform that enables the interoperability of standard, custom and multi-crypto solutions with a real-time service that remotely manages the cryptography of critical systems and connected smart devices.”

NAGY MOUSTAFA
CEO, INFOSEC GLOBAL

“Critical systems need to incorporate cryptography as an essential element of being secure. Infosec Global’s Agile Crypto Platform makes this easy, and can dynamically adapt and update the crypto as required.”

BRIAN O’HIGGINS
CTO, ENTRUST AND CO-FOUNDER OF INFOSEC GLOBAL
ADVISORY BOARD

“Strong cryptography is still the basis for trustworthy security.”

DR. VINCENT RIJMEN
PROFESSOR KU LEUVEN
INFOSEC GLOBAL ADVISORY BOARD AND CO-DESIGNER OF ADVANCED ENCRYPTION STANDARD (AES)