

MAJOR CHALLENGES IN IMPLEMENTING IoT SECURITY

THE GROWING INTERNET OF THINGS



TOP IoT TECHNOLOGIES FOR 2017 & 2018- Gartner



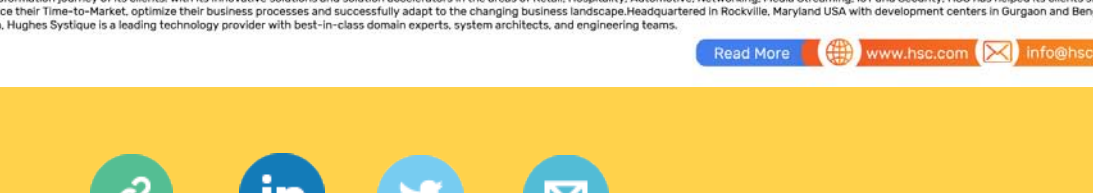
THE NEED FOR IoT SECURITY



KEY CHALLENGES IN IMPLEMENTING IoT SECURITY



HSC's OFFERINGS IN IoT SECURITY



CMHI Level 5, PCMH Level 3, ISO 9001:2015 and ISO 27001:2015 certified Hughes Systique Corporation (HSC) is an award-winning software solutions and services company that has been instrumental in steering the digital transformation journey of its clients. With its innovative solutions and solution accelerators in the areas of Retail, Hospitality, Automotive, Networking, Media Streaming, IoT and Security, HSC has helped its clients significantly reduce their 'Time-to-Market', optimize their business processes and successfully adapt to the changing business landscape. Headquartered in Rockville, Maryland, USA, with development centers in Gurgaon and Bengaluru, India, Hughes Systique is a leading technology provider with best-in-class domain experts, system architects, and engineering teams.

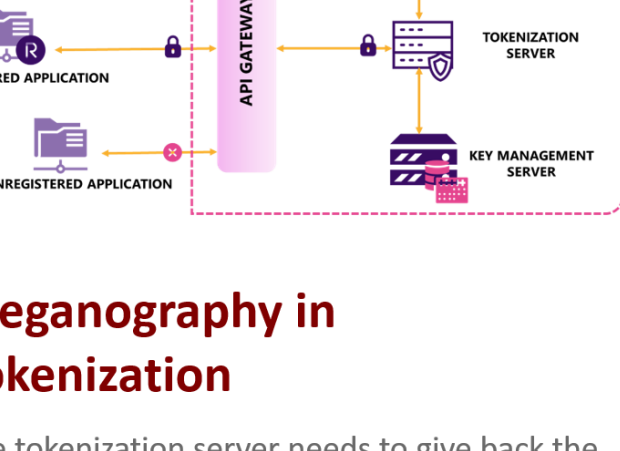
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Cybersecurity Risks that Accompany IoT & How To Mitigate them

While implementing solutions that involve the use of the IoT would provide seamless connectivity across all platforms, at the same time, there's a raging security issue that risks shutting down the entire set up.

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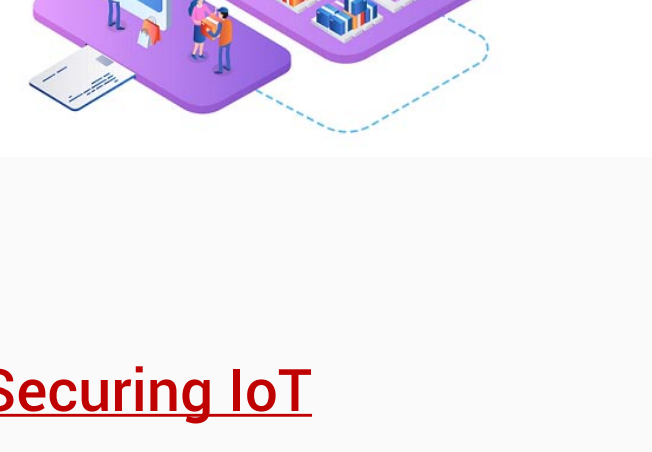
Steganography in Tokenization

The tokenization server needs to give back the original data to authorized applications. Steganography can help make the tokenization server free from storing any data. [READ MORE](#)



Securing IoT with Intrusion Detection Systems

With the adoption of intrusion detection software going mainstream, its function remains critical in modern enterprises and organizations. [READ MORE](#)



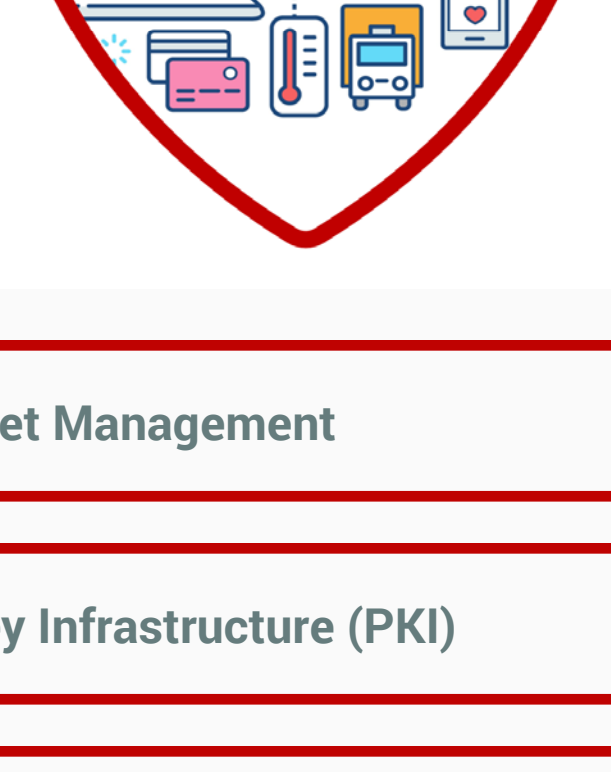
How Blockchain Can Help Streamline Supply Chain Management?

Supply chain solutions built on blockchain allow for tracking, tracing, provenance, faster trade settlements, better inventory management, production planning, fine-tuning transportation routes, etc., thus helping businesses to be more agile and profitable.

[READ MORE](#)

Securing IoT

Given the proliferation of Internet enabled devices, the threat of security, malware and data breach has increased significantly. Enterprise companies as well as consumers are always looking to harden their products as well as work with vendors to help them with continuous security threat modeling and active detection of issues in running systems.



Here's a 3-part series on Securing IoT

Securing IoT with Asset Management

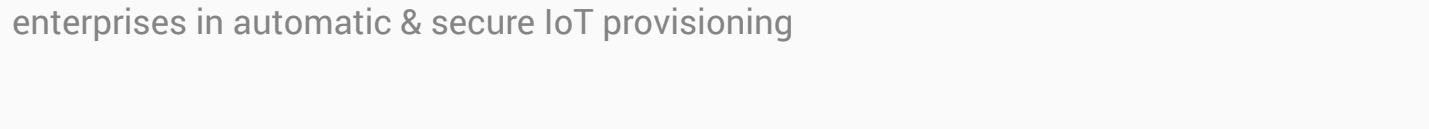
Securing IoT with Public Key Infrastructure (PKI)

Securing IoT : Bridging the IT & OT

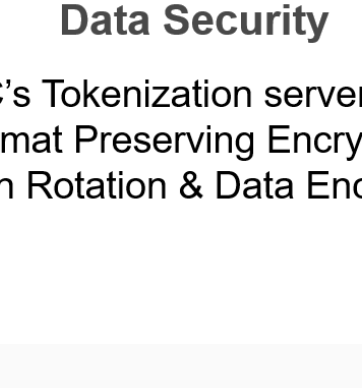
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HSC Accelerator: Decentralized PKI-based Zero-touch IoT Provisioning

Secure Device Provisioning At IoT Scale

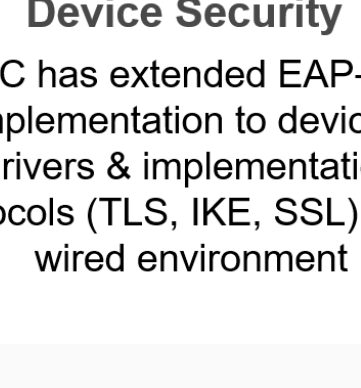


HSC's [Decentralized PKI-based Zero-touch IoT Provisioning Accelerator](#) is an innovative solution for provisioning new IoT devices and managing system security. It enables the enterprises in automatic & secure IoT provisioning



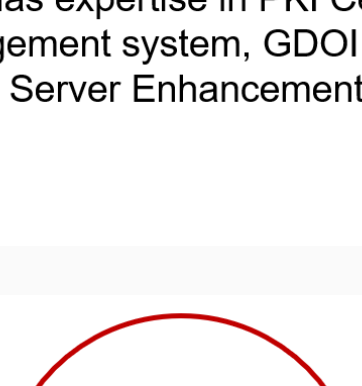
Data Security

HSC's Tokenization server offers Format Preserving Encryption, Token Rotation & Data Encryption



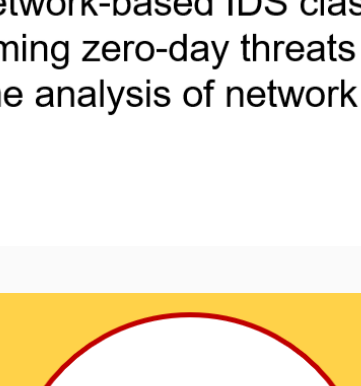
Device Security

HSC has extended EAP-TLS implementation to devices, drivers & implementation protocols (TLS, IKE, SSL) in the wired environment



Cloud Security

HSC has expertise in PKI Certificate Management system, GDOI Client & Server Enhancements



Application Security

Network-based IDS classifies incoming zero-day threats by real-time analysis of network traffic



Blockchain

HSC offers a broad spectrum of industry specific Blockchain solutions: LASER (Fintech), DeVeDa (Automotive) & StockPile (Supply Chain)

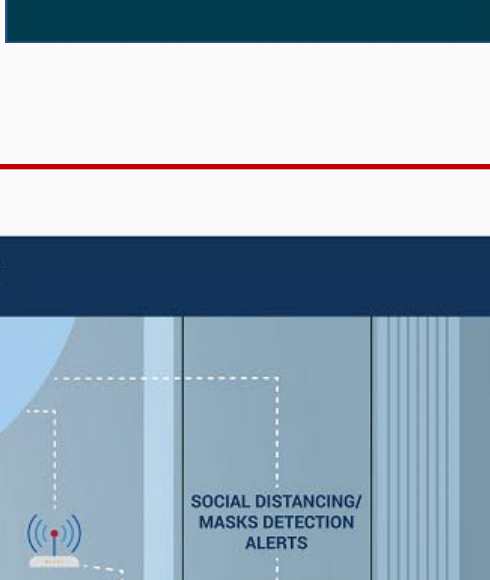


We offer a complete suite of IoT Security services running across the IoT stack right from devices to application level.

Explore HSC's offerings in the IoT Security space

HSC helps enterprises streamline business operations by using Salesforce proprietary force.com platform along with Salesforce provided languages. Additionally, HSC provides services such as consulting, implementation, configuration, and customization of Salesforce products such as Sales-Cloud, Service Cloud, and Community Cloud.

[Learn more](#)





HSC COVID SAFETY SOLUTION

NGH Solution
People Insights AI IMP

ADMIN ALERT !!
Lobby area has become a red zone due to non-adherence to social distancing norms.

LOBBY

ADMIN

SOCIAL DISTANCING/ MASKS DETECTION ALERTS

INSIGHTS

SOCIAL DISTANCING

SEATING AREA

Many industries today are experiencing unprecedented disruptions due to COVID 19. However, with companies looking to progressively revive their operations to pre-crisis levels post the lockdowns, HSC's COVID Safety Solution enables companies to achieve the same. **Interested?**

