



*The art of securing your business*

## Leading software house successfully transitions to SaaS model by adopting new approach to secure development framework

### Challenge

With the emergence of multiple web technologies and the prominence of various Cloud computing deployment models, the challenge for this leading software house was to maximise the use of new technologies, while maintaining and improving the security and resilience levels of its products.

Given its decentralised model and global presence, there was a need to proactively provide its Operating Companies with guidelines for developing and deploying applications, in the context of cloud technologies, whilst preserving the technological and operational decentralised model.

### Discovery

Drawing on over five years of experience working closely with leading software houses across the globe, the Comsec team began addressing the challenge by mapping existing security policies & procedures and cloud

*“The new Global Development Framework implemented provided our development teams and CIOs across the company with a vital tool for evaluating the security requirements of our SaaS products”.*

technologies of relevance to the organisation's business model. This was achieved through a number of focused workshops with the Group Risk and Group Technology Officers that enabled Comsec to define the organisation's risk appetite.

The next phase involved identifying the risks associated with the mapped technologies and their corresponding security controls (such as Authentication, Access Control, Authorisation, Interoperation, Cryptography and Error Handling). Comsec then utilised this information to identify the modifications required to the security controls and align these to the businesses risk appetite.

The final phase involved Comsec working closely with Senior Management to devise a Global Secure Development Framework. This provided CIOs across the group with a decision making tool to accurately identify the available cloud platforms and corresponding security controls required.

## Impact

The implementation of a new Global Development Framework provided the diverse development teams and CIOs, with a security assurance workflow. This has enabled each separate Operating Company to individually evaluate its security requirements in accordance with its services, deployment model and local regulatory environment.

Adopting this approach allowed this leading software house to proactively provide individual Operating Companies with security guidance whilst facilitating local buy-in and flexibility.

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## About Comsec

For more than two-decades we have been working with leading organisations across the private and public sectors. Comsec's professional excellence, deep technical capabilities and unique access to cutting edge technologies has enabled us to assist a range of industry leaders overcome their security challenges.

We continually strive to maintain our position as thought leaders in the information security arena and stay abreast of the latest security threats and trends in relation to risk management, compliance, mobile computing, cyber-security and the drive towards cloud computing.

Comsec's professional excellence and deep technical capabilities has enabled us to work with a range of market leading companies and Government organisations. With specialist in application, infrastructure and cyber security, we aim to maintain our outstanding reputation in the UK market for delivering value and excellence to all our clients.