Architect Tomorrow: Taming Software Complexity

Getting insight into software and related risks in the wild in the enterprise

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Architect Tomorrow

Business Technology Strategy & Architecture Podcast Mashup Series

CONSULTANTS SAYING THINGS

tech after five

straighttalk

BUSINESS ARCHITECTURE DISTILLED, SIMPLE, WITH A BIT OF FUN™

https://youtube.com/ArchitectTomorrow/
Some of the highlights of Architect Tomorrow

https://youtube.com/ArchitectTomorrow/

Opinions on and experience of:

- Effectiveness of Enterprise Architecture
- Tech and Business Trends
- Importance of IT & Cyber Hygiene
- DevSecOps?!?
- The SoC of the future
Taming Software Complexity

Software Architecture vs Application Architecture

• Many presentations today have been about Software Architecture – we will touch on this

• We will major on **Application Architecture Complexity** – in particular emergent / accidental architecture

• Moving towards Managed Diversity & Managing the risks hiding in the complexity and how to get on top of them
Example: End users selecting Marketing Applications

Emergence = Duplication = Unnecessary Complexity?
Applications for different capabilities = Necessary Complexity?
The realities of “accidental” point solution architecture

Tactical point solutions create a mess of complexity, high cost and arguments over different data and reports. Leading to distrust, silos and hoarding of information.

Partial and often broken coverage of Endpoints
Leveraging and integrating Platforms over point solutions reduces complexity, cost and risk. Increases trust, transparency and cross functional collaboration.

High Level Security, Risk & Operations Platform Architecture

Endpoint Management & Security Platform
Real-time visibility and control at speed and scale
Discussion With Steve
# The Power of Certainty

<table>
<thead>
<tr>
<th>Visibility</th>
<th>Control</th>
<th>Speed</th>
<th>Truth</th>
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<tr>
<td><img src="image1" alt="Visibility Icon" /></td>
<td><img src="image2" alt="Control Icon" /></td>
<td><img src="image3" alt="Speed Icon" /></td>
<td><img src="image4" alt="Truth Icon" /></td>
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<td><strong>Know everything now</strong></td>
<td><strong>Take control</strong></td>
<td><strong>Accelerate Actions</strong></td>
<td><strong>Align teams</strong></td>
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<td>See into every endpoint, managed or unmanaged, with complete, accurate and real-time data in seconds.</td>
<td>Whether on premises or in the cloud, take control of your entire IT estate in seconds with minimal network impact.</td>
<td>Contain, remediate or patch emerging incidents at scale in minutes and take a proactive approach to IT management.</td>
<td>With a single source of truth, gain a shared understanding of all the data across your entire environment.</td>
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## Risk and Compliance
**Stay ahead of exploits**

## Client Management
**Control your IT assets with confidence**

## Asset Discovery and inventory
**See everything on every endpoint**

## Threat Hunting
**Shut down attackers**

## Sensitive Data Monitoring
**Gain complete control of all your data**

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## Extensible Data Sources
Collect new, ad-hoc data from your endpoints at will

## Distributed Communications Protocol
Gather and distribute data to millions of endpoints with zero infrastructure in seconds

## Lightweight Agent
A single agent with minimal endpoint performance that can fit on the smallest chips

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Thank You