Application Security Trends & Challenges

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SECURITY TRANSCENDS TECHNOLOGY℠

</About>

(ISC)²

- International Information Systems Security Certification Consortium
- Established in 1989 as a global not-for-profit leadership organization with nearly 60K members in 135 countries
- ANSI accredited Gold Standard credentials
- BoD – Top InfoSec Professionals; tracking the evolving InfoSec workforce.

Mano Paul

- (ISC)²'s Software Assurance Advisor
- ISSA – Industry Representative
- Founded SecuRisk Solutions, Express Certifications and AppSentinel
- Invited Speaker @ OWASP, CSI, Catalyst, TRISC, SC World Congress
- Shark Biologist, Bahamas
- InfoSec Program Manager – Dell Inc.
- Contributing Author
  - Security PnP for MSDN
  - InfoSec Management Handbook
  - InfoSec Management Top 10

You start coding, I'll go find out what they want!

-Analyst to Programmer

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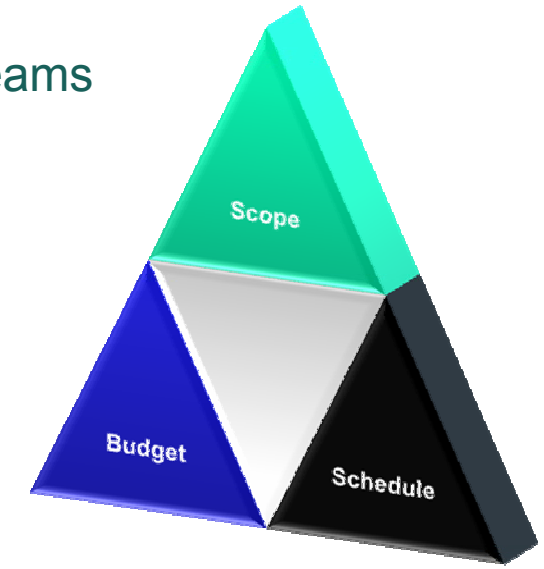
</Trends>

- Access and Connectivity
- Cornucopia of polymorphic Threats / Hacker Motivations
- Architecture – DNA to SOA; now WOA
- Mobile Computing and Vanishing Perimeters
- Governance, Regulations, Compliance & Privacy Initiatives
- Rich Internet Applications (RIA) – Desktop on the Web

Port 80/443 – The Weakest Link

</Challenges>

- Iron Triangle Constraints
  - Scope (Functionality), Schedules (Deadlines), & Budget (Resources)
  - Bolt-On Vs. Built-In / Afterthought vs. Brainwashed State
- Security viewed as non-functional and an Impediment (not an enabler)
- Attacker's Advantage vs. Defender's Dilemma
- Onus on Development Teams, not Security Teams
- Ubiquitous Wild Wild Web (www)
- The Enemy Within



</Need for a New Culture of Security >

- **Secure By Design, Development, Deployment , Default**
- **People**
  - Awareness, Training & Certifications
- **Process**
  - Secure Software Lifecycle
- **Technology**
  - Secure Technology and Products (COTS, Internal)

Let’s create that Culture

Chak De India

Security

Thank YOU

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