Welcome to wavespace™

Today's AGENDA:
- Welcome
- Icebreaker
- Privacy
- Wavespace TOUR & Networking LUNCH
- Innovation
- DevOps
- Recap & THANK YOU!

Icebreaker: STINKY FISH

- Having processes in place
- Understanding Regulations
- Operating in multi-national environment
- Global Agility
- CULTURE & DIVERSITY

- Changing Technologies
- IOT
- The Cloud
- Data & Analytics

Maintaining Compliance at the speed of Business

Accessibility of design

Professional Judgement
- Check-box mentality

Lack of Focus
- Attorney-Client privilege
- Executive Turnover

Balancing Agility & Compliance
- People's Right to Object to Processing

Security ≠ Privacy
- Negative Perception of "Audit"
- Helping others see the VALUE

Messaging
- Having Everyone on Board
**Privacy Landscape**

- **Digital Age**
  - Significant Events
  - Stricter/Tougher Laws around customer info

**Data Privacy Transformation**

- Threats
- Regulations
- Expectations Fears

**Privacy by Design**

- Expanded Capabilities
- Business Processes
- Technology Enablement

**Employees Count!**

- Assumptions & Habits can get in the way of protecting data

**What is Personal Data?**

- If it can be used to identify an individual, it's personal data!

**Data is the new OIL!**

- Anonymizing Data can mitigate some risk

**GDPR**

- Big challenge: No company can be 100% compliant
- Mandatory: 72 hour Data Breach Notification

**CCPA**

- Lots of overlap w/ GDPR

**Accountability**

- **Controller** vs **Processor**: Important distinction depends on context

**Individual Rights**

- **Right to Access**
- **Right to Erasure**
- **Right to Restrict Processing**
- **Right to Object**
- **Right to Data Portability**

**Big Distinctions**

- Right to opt out of sale of personal data
- Non-violation financial penalties for non-compliance

**Privacy by Design**

- Extensive Privacy Measures
- Highly influential privacy

**CCPA**

- Est. 28 June 2018

Many states have proposed privacy regulations
- China Cybersecurity Law
- Brazil's General Personal Data Protection Act
- Data Residency "LOCALIZATION" Laws
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Innovation Mindset

EY uses 3000 Bots!

Rules-based Automation

RPA is HOT right now!

Robotics

AI

Internal Audit

Intelligent Automation and UAV Inspections

EY can deliver Intelligent Automation in ANY MODEL

EY can deliver the Control

RPA & Risk

Automate the Control

Robotics Enabled SOX Testing

Audit Efficiency

RPA Analytics Dashboard

Solution Architecture Examples

Vulnerability Reporting & TRIAGE

Product Integrity

TRAVEL MANAGEMENT

RPA Skillset & KEY ROLES

Technical Developers

Bot Controllers

Engineering Support

Security

Solution Architect

Hosted Infrastructure

Bot Operations

Production Support

Life Cycle of a RPA Program

Prototype Concept (POC)

Prototype (POV)

Initial & Production

Scaled Production

UAV Inspections

Demand for DRONES is HUGE right now!

"Reversion"

Undoing what was done WRONG

Trust but Verify!

TRUST

We're not quite there yet...

Building a better working world
Welcome to waveMspace™

AGILE & DevOps
- BACKGROUND -

NEW vs OLD

DevOps is the UNION of PEOPLE, PROCESSES, & TECH to enable continuous delivery of value to end users.

When we say "DevOps" we're talking about COMBINING at least two of these TEAMS:

- Development
- Testing (IT/Business)
- Operations

Monotoring needs to be enabled by Technology to ensure COMPLIANCE with control points.

Limit access to production:

Need to BALANCE the right MIX of CONTROLS:

Preventative

Detective

Similar OBJECTIVES as before...

...very different methods for MEETING THEM

Multi-level Monitoring

Cross-trained skill sets

Functions segregated per change

Rethinking segregation of duties

DevOps structure can support Agile Methodology.