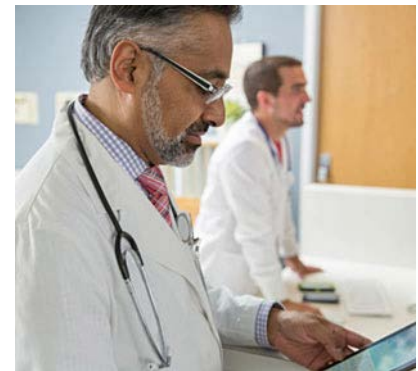




Public Sector Security Program Development

March 28th, 2017

Welcome
Local
Government
Partners



Public Sector Security Program Development

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AT&T Consulting

March 28th, 2017



Agenda slide

Common Challenges

- Across the Industry
- Within your sector

Security Program Development

- Governance
- Maturity
- Risk Landscape
- Cloud

Tips and Solutions

- Building Consensus
- What AT&T can do



Challenges



Challenges

You must use what they have

- Legacy systems
- Budgets constraints
- Sustainable Staffing

Costly Infrastructure

- Any one system is overkill for what you need
- One system can consume the budge for the program in a year
- You must become an experts to reap the benefits of a system

Everyone struggles with the basics

- You are pushed to do innovative things
- In some cases you just want to know “just get started” / “am I on the right track”
- You may have systems in place but have no way to make them work together



Security Program Development



Key Considerations

Governance

- What it takes to get the most out of what you have
- Maturity

Operations

- Trends and changes

Migration to the Cloud

- Very broad strokes
- Focus on empowerment through outsourcing



Governance

Security Steering Committee

- If you don't have one ... get one
- Keep it small in the beginning
- Ensure you have executive representation / participation
- This will demonstrate value and validate plans going forward

Charter

- Identify who is responsible
- Defines the scope of operation
- Establishes the needs and therefore the primary justification for resources



Governance (cont'd)

Risk Assessment

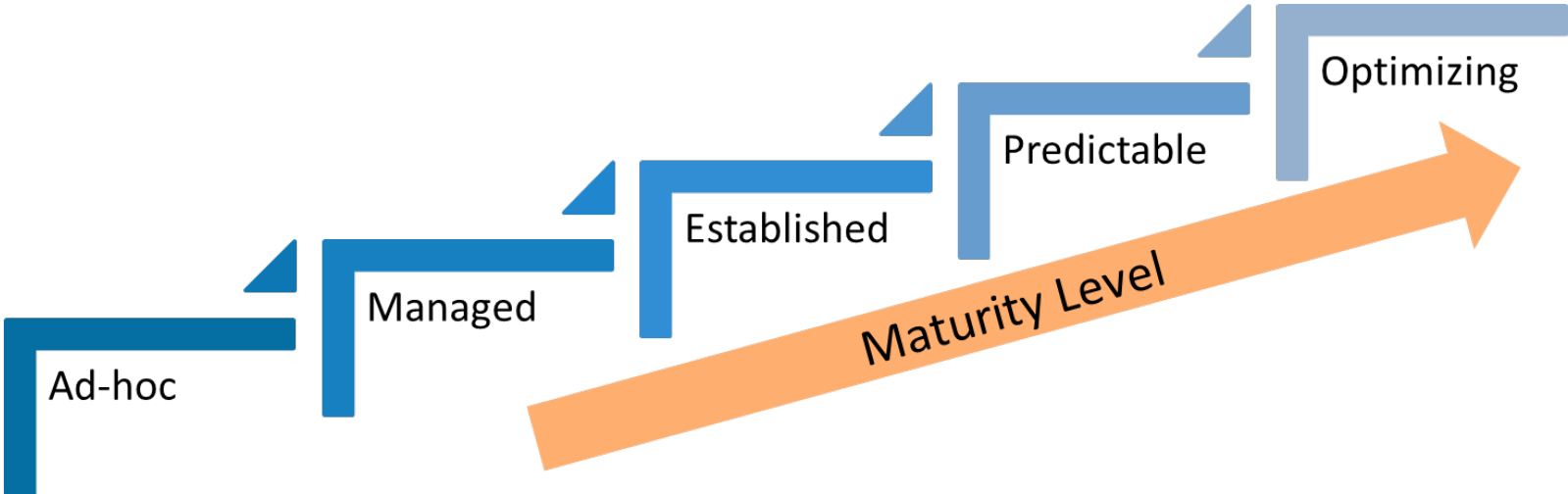
- Identifies critical areas based on scope of operation (established in the charter)
- Determines what needs to be addressed
- Accepted by the Security Steering Committee
- Becomes the critical communication tool between
 - Security Executive \leftrightarrow Executive Leadership
 - Security Executive \leftrightarrow Department Leadership
 - Security Executive \leftrightarrow Security Operations

Project Development

- Define path to reduce risk per area identified in the Risk Assessment
- Provides critical direction for operations units
- Accepted by Security Steering Committee



Maturity



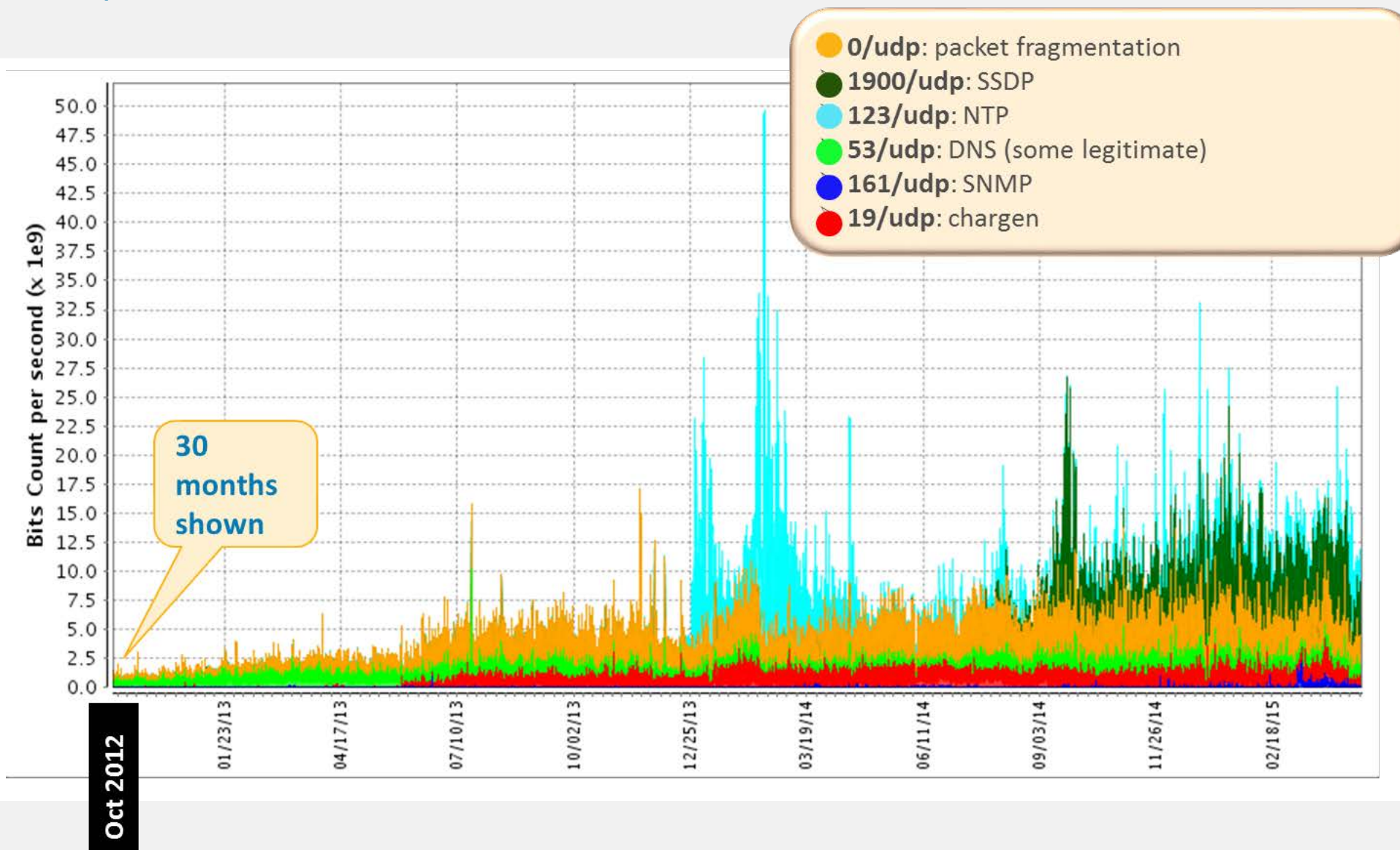
Maturity Targets	Target 1					
	Target 2					
	Target 3					
	Target 4					
	Target 5					

Legend:

	Not Achieved		Partially Achieved		Largely Achieved		Fully Achieved
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50 Bps Amplification Attack

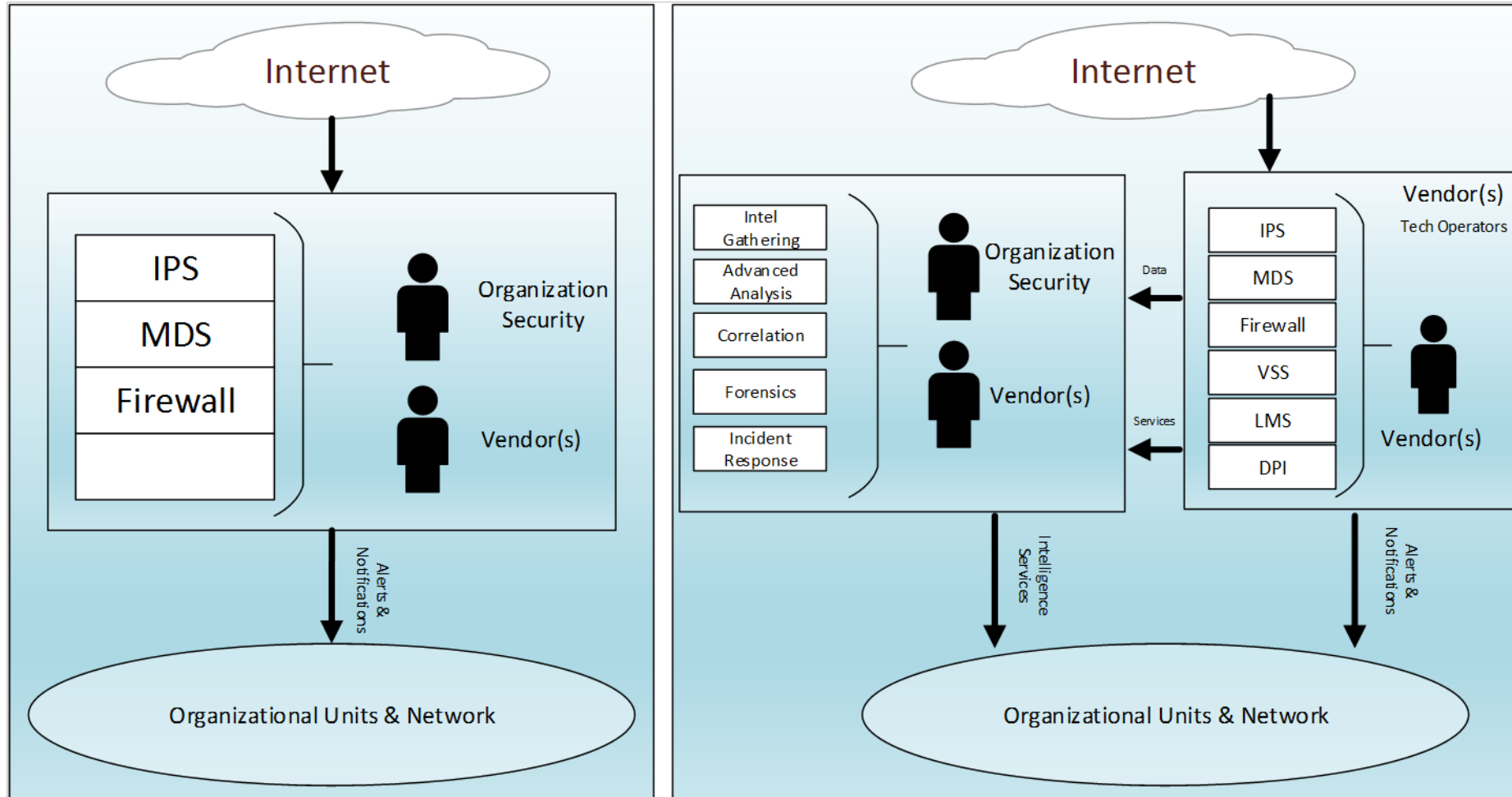


Bots and Bot Nets



Operational Shift

Current State of Cyber Operations and Cyber Intelligence



Migration to Cloud

You are already there

- If you do not have a strategy ... get one
- Your users have probably already begun using something cloud based

Know Your Risks and Limitations

- Assess the risk and know where your data is
- Understand that security will not be able to prevent the move to the cloud

End User Enablement

- Train and make users aware of risks
- Develop solutions that will work regardless of infrastructure
- You can benefit from hosted environments if security is established appropriately



Tips and Solutions



Tips

Align Objectives and Budget with Organizational Strategy

- Security has a role to play in achieving organizational goals
- What is spent on Security in relationship to the whole?

Security Cannot do it Alone

- Steering committees are a good way to bring awareness at an executive level
- Security must have a charge since many of the things they do will interfere with existing modes of operation

Engage with Peers

- It is less taboo to discuss security
- Learn the vocabulary to discuss in general terms so you do not put your organization at risk
- Consult with experts to build confidence



Solutions

Engage AT&T Trusted Advisors

- Experience in building governance
- Experts in the various tools and technologies
- Recognized industry leaders on staff

AT&T Enterprise Security Support

- Enables moving security to the cloud
- Only pay for what you need – Right Sized Solutions
- Access to a team of experts in the tools it employs

Cover Basic and Ongoing Support

- Tier 1 support
- Staffing models to fit customer requirements
- Tailor process and to organizational needs
- AT&T is the trusted vendor to support various needs



