Firewalls, LANs and WANs; The Basics, the Benefits and the Security

Presenter: Simon Gamble, Mako Networks
Agenda

- Housekeeping
- Presenters
- About Conexxus
- Presentation
- Q & A
Housekeeping

This webinar is being recorded and will be made available in approximately 15 days.

- YouTube (youtube.com/conexxusonline)
- Website Link (conexxus.org)

Slide Deck
- Survey Link – Presentation provided at end

Participants
- Ask questions via webinar interface
- Please, no vendor specific questions

Email: info@conexxus.org
**Presenters**

**Conexxus Host**
Allie Russell  
Conexxus  
aruell@conexxus.org

**Moderator**
Kara Gunderson  
Chair, Data Security Committee  
POS Manager, CITGO Petroleum  
kgunder@citgo.com

**Speaker**
Simon Gamble  
Mako Networks  
simong@makonetworks.com
About Conexxus

• We are an independent, non-profit, member driven technology organization
• We set standards…
  – Data exchange
  – Security
  – Mobile commerce
• We provide vision
  – Identify emerging tech/trends
• We advocate for our industry
  – Technology is policy
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<thead>
<tr>
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<th>Webinar Title</th>
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<td>May 30, 2019</td>
<td>Firewall compliance: The basics, the benefits, and the security</td>
<td>Simon Gamble</td>
<td>Mako Networks</td>
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<td>June 2019</td>
<td>W3C Update</td>
<td>David Ezell, Ian Jacobs</td>
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<td>August 2019</td>
<td>Don’t Get Phished! Train your employees to avoid ransomware</td>
<td>Geoffrey Vaughan, Ed Adams</td>
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<td>September 2019</td>
<td>Updated Data Science Presentation</td>
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<td>Easy PCI—How to Make PCI &amp; Attestation Easier</td>
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NACS Show
October 1-4, 2019
Atlanta, GA

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Firewalls, LANs and WANs; The Basics, the Benefits and the Security

Presenter: Simon Gamble, Mako Networks
Overview

Your Network
The Devices on Your Network
Your Customers’ Data
Where Things Communicate
Petro & C-Store Connected Stuff
What’s a Firewall?
What’s a LAN?
Local Area Network
What’s a WAN?
Wide Area Network

Virtual Private Network (VPN)
Why Should I Care?
What Should I Do?
Example of C-Store Network
Example of C-Store Network
Example of C-Store Network
Example of C-Store Network
Example of C-Store Network
Example of C-Store Network
Example of C-Store Network
Summary

- Think about the connected devices you have
- Think about what each device needs to communicate with (and why)
- Separate your network into logical zones
- Don’t allow open remote access into any of your networks - utilize VPNs
- Consider using VPNs for all sensitive outbound also
- Never stop thinking!
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• Email: info@conexxus.org
• LinkedIn Profile: Conexxus.org
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