Securely Connecting to Third Party Vendors from your C-Store

Presenter:

Simon Gamble, Mako Networks

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Agenda

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

Housekeeping

This webinar is being recorded and will be made available in approximately 7 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
- Our webinars may be used toward PCI continuing education credits. Please contact arussell@conexxus.org for questions regarding a certificate of webinar attendance.

Email: **info@conexxus.org**

Presenters

Conexxus Host

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Conexxus
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Moderator

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POS Manager, CITGO Petroleum
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Speaker

Simon Gamble
President & Co-Founder
Mako Networks
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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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2020 Conexxus Webinar Schedule

Month/Date	Webinar Title	Speaker	Company
August 27, 2020	How an Attacker Bypasses Network, Software & Physical Controls	Jeff Gibson Geoffrey Vaughan	ControlScan Security Innovation
September 24, 2020	Lessons Learned with IoT API Integration	Scott Cheek	SageNet
October 22, 2020	Ransomware Protection and how a Managed Security Service Provider can help Oil & Gas Retailers from being the next target	Ajith Edakandi	Hughes Network
November 12, 2020	Three Real-World Scenarios That Impact PCI Compliance	Rob Chapman	Cybera
December 3, 2020	EMV: A Focus on 3rd Party Retrofit Kits	Dan Harrell Bill Pittman Dan Witkemper	Invenco Sound Payments Gilbarco
January 21, 2021	Securely Connecting to Third Party Vendors from your C-Store	Simon Gamble	Mako Networks
February 2021	A Step-by-Step approach to Automating Security Response in a Multi-Vendor Environment	Ash Swamy Robert Hicks	Omega

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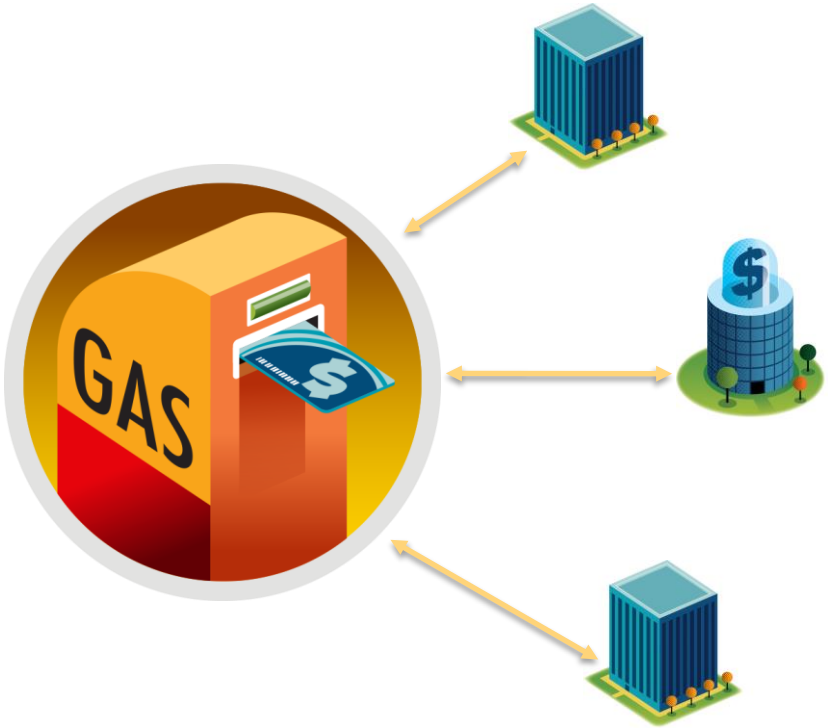
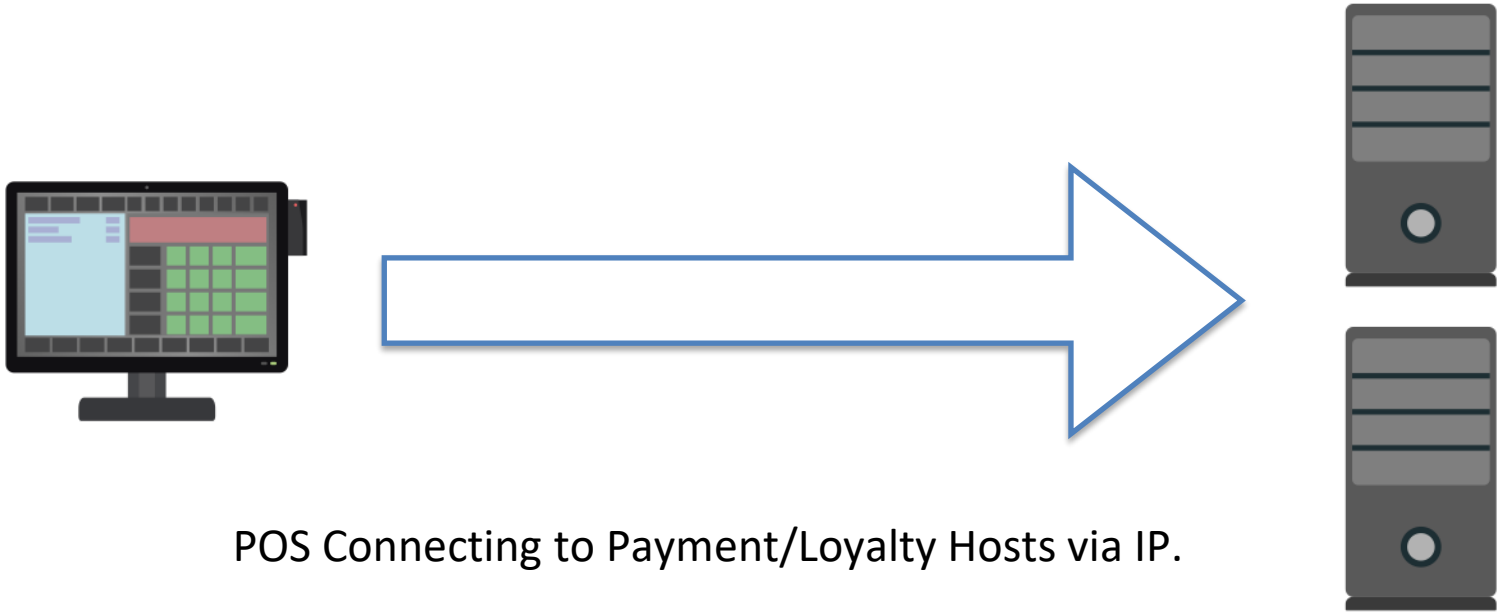
Intro



C-Store Technology of the (Recent) Past

C-Store Technology of the (Recent) Past



POS Connecting to Payment/Loyalty Hosts via IP.

C-Store Technology of Today - POS

C-Store Technology of Today - POS

EMV POS/Loyalty

Stored Value Cards

EMV Dispensers

Car Wash

Mobile Payments

License Plate Readers

C-Store Technology of Today - BOS

C-Store Technology of Today - BOS

Voice over IP (VoIP) Phones

Time Clocks

Automated Tank Gauge (ATG)

Customer Wi-Fi

Dispenser Media

Internet of Things (IoT) Sensors

In-store Music

IP CCTV

C-Store Technology of Today

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Securely Connecting to Third Party
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C-Store Technology of Today

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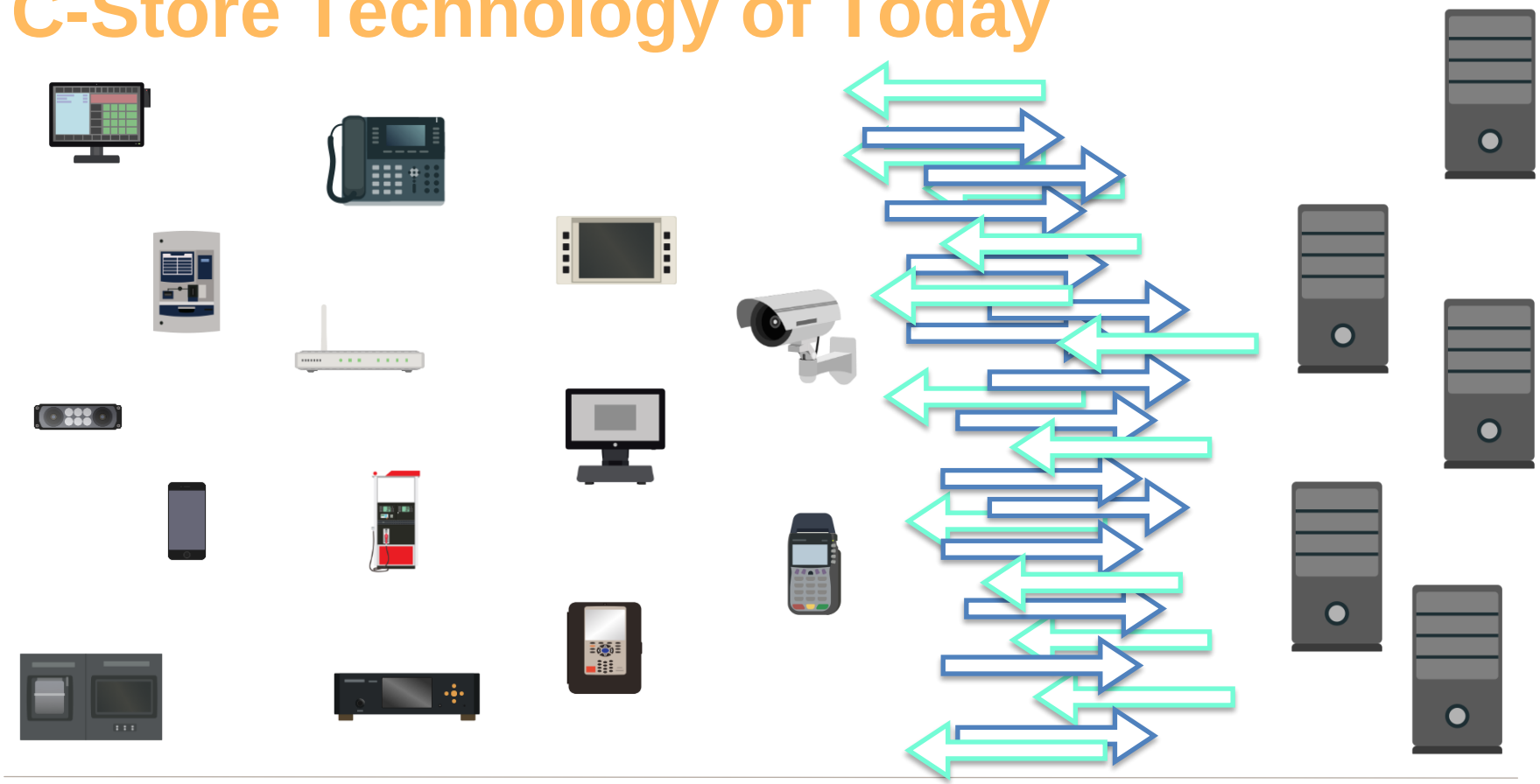
C-Store Technology of Today



Securely Connecting to Third Party
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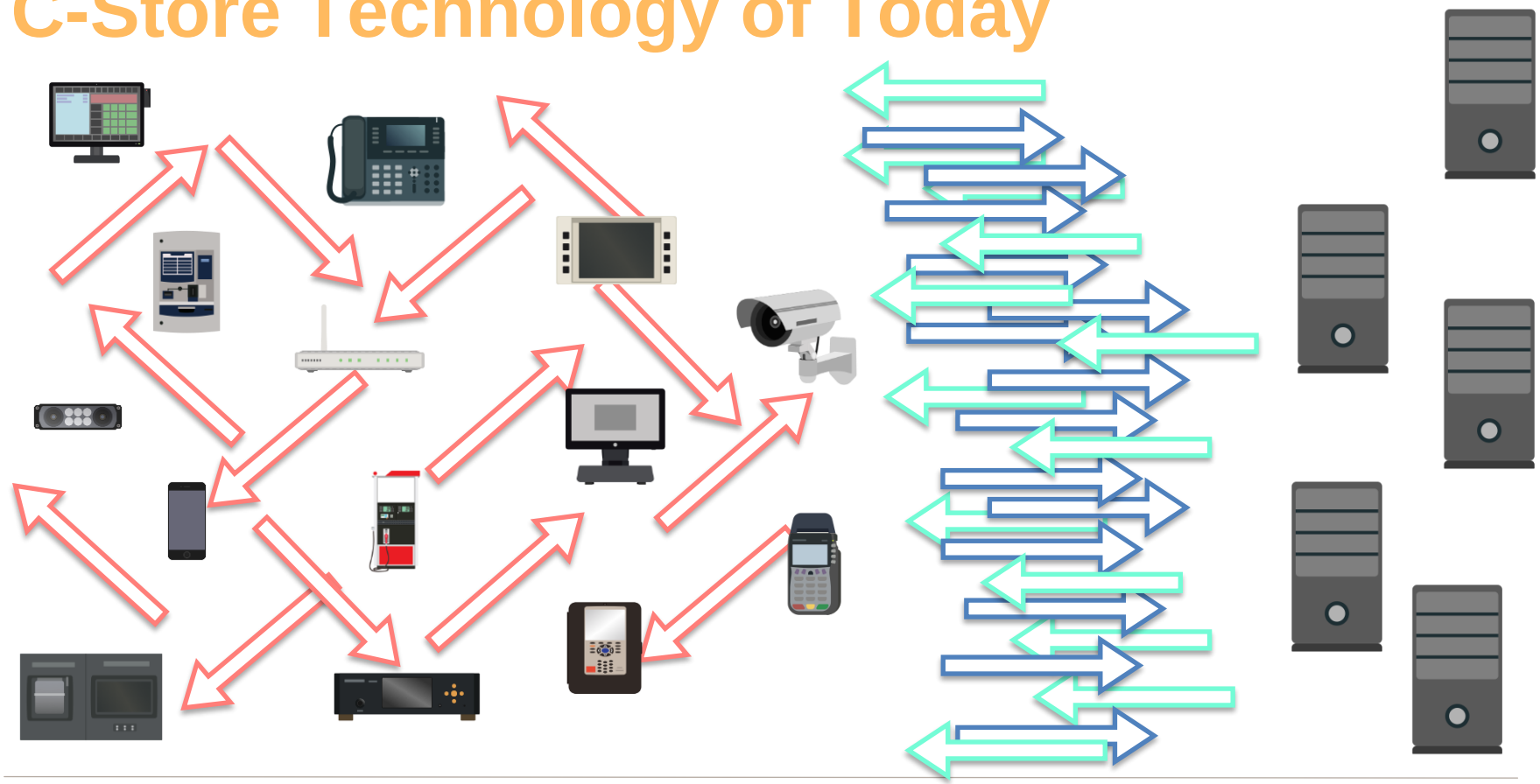
C-Store Technology of Today



Securely Connecting to Third Party
Vendors from your C-Store

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Security Issues to Consider

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What's connecting where?

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What's connecting where?

What information is being exchanged?

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What's connecting where?

What information is being exchanged?

How is the connection made?

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What else has access to the data?

Security Issues to Consider

What's connecting where?

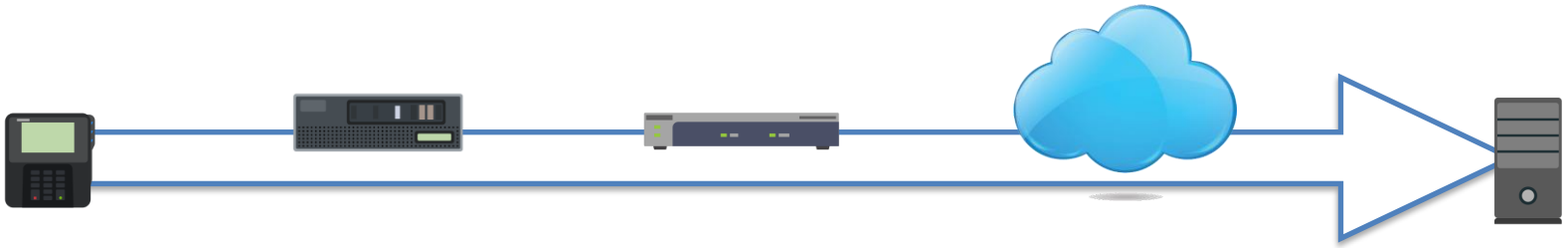
What information is being exchanged?

How is the connection made?

What else has access to the data?

Who has access to the configuration?

What's Connecting to Where?



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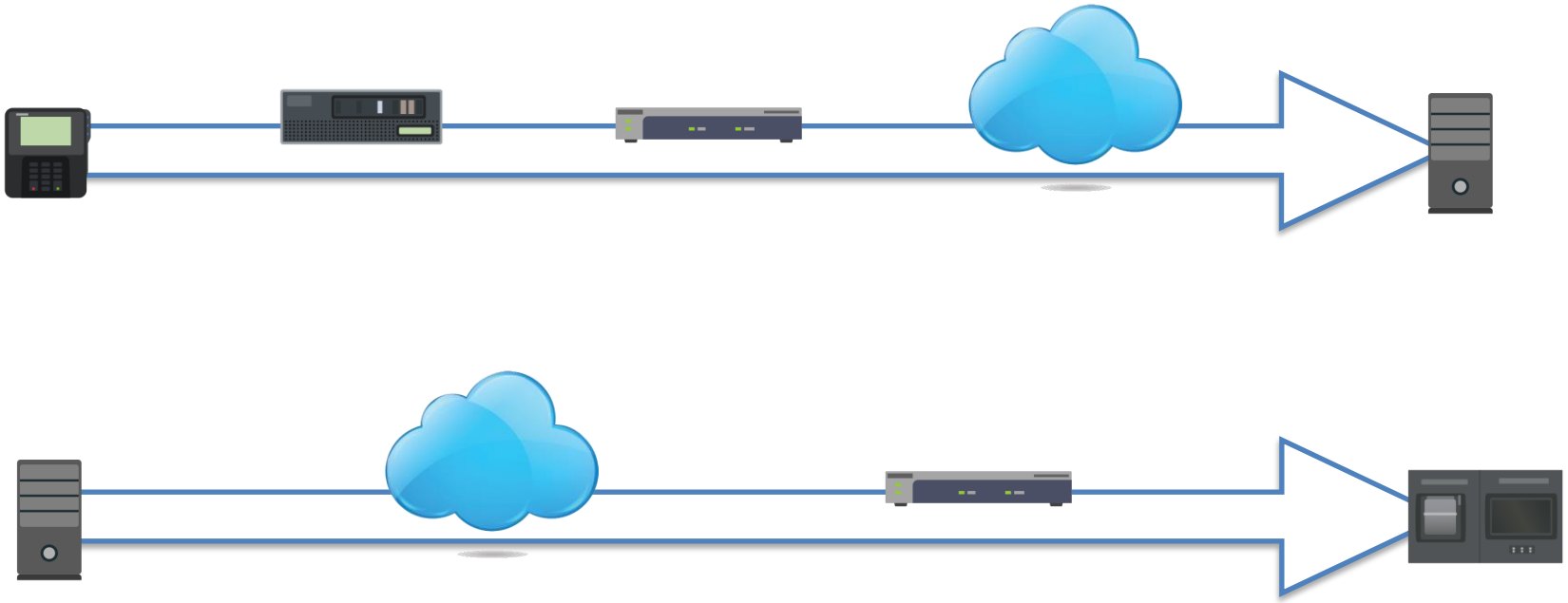
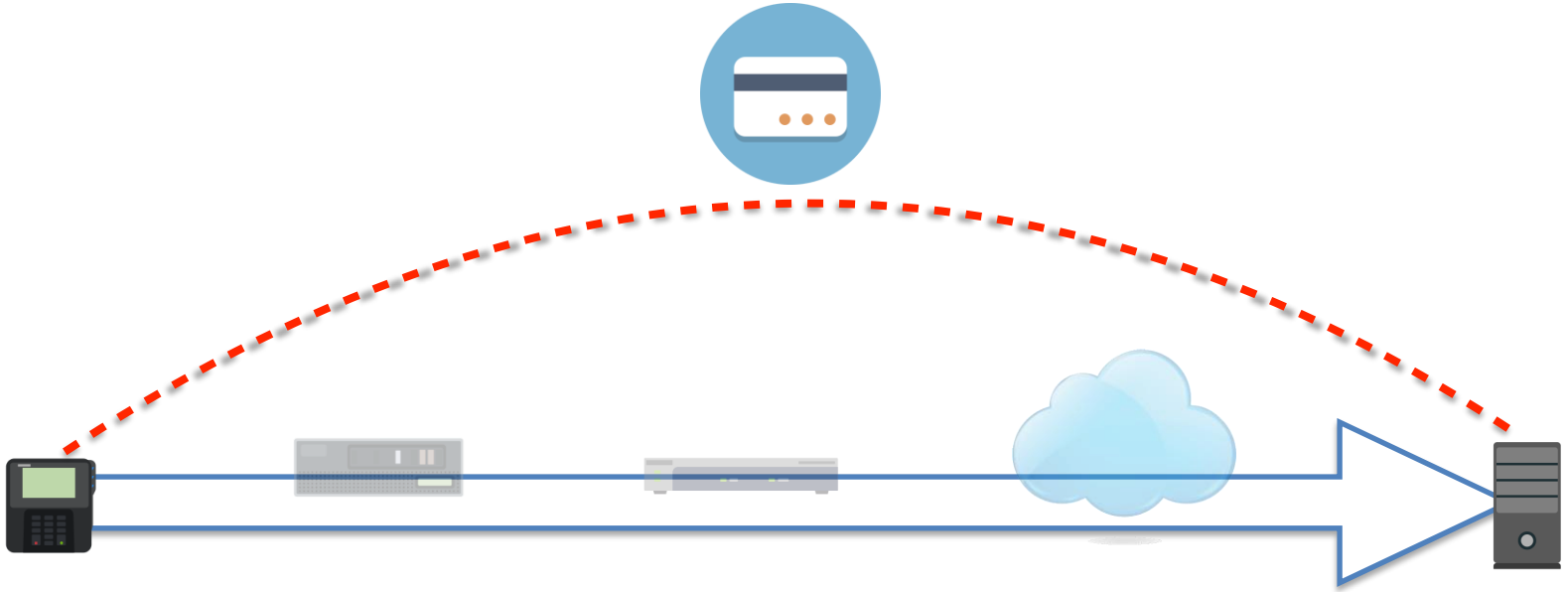


What Information is Being Exchanged?



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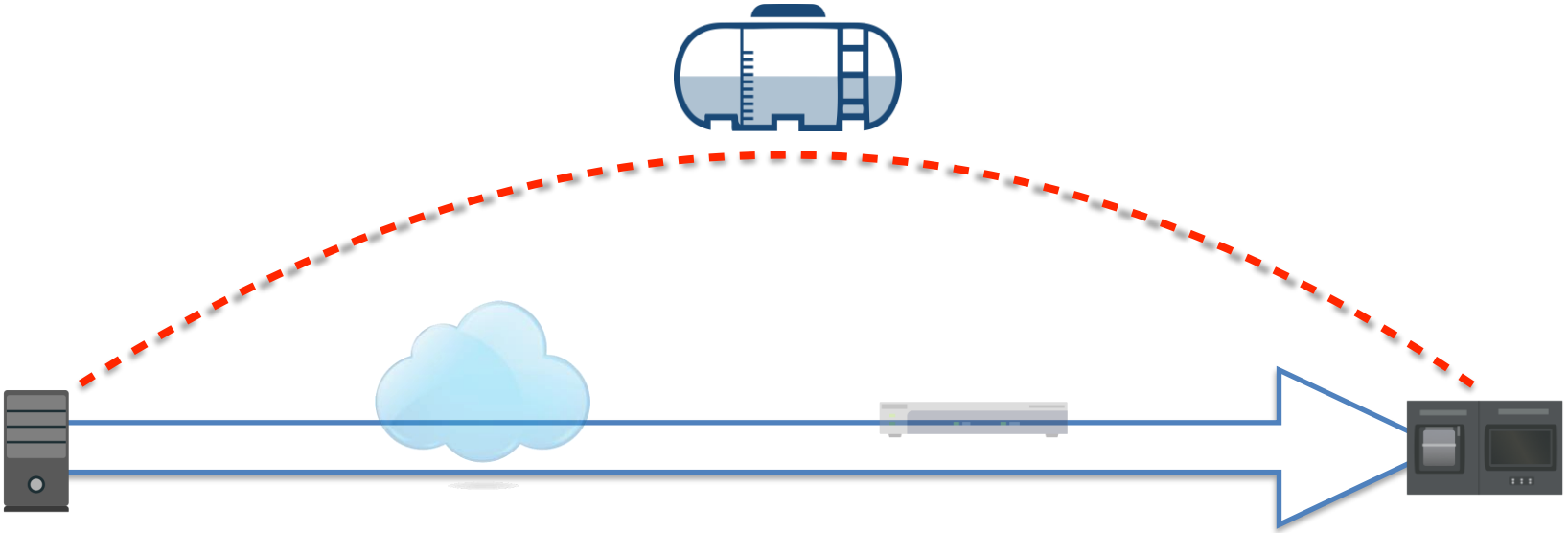
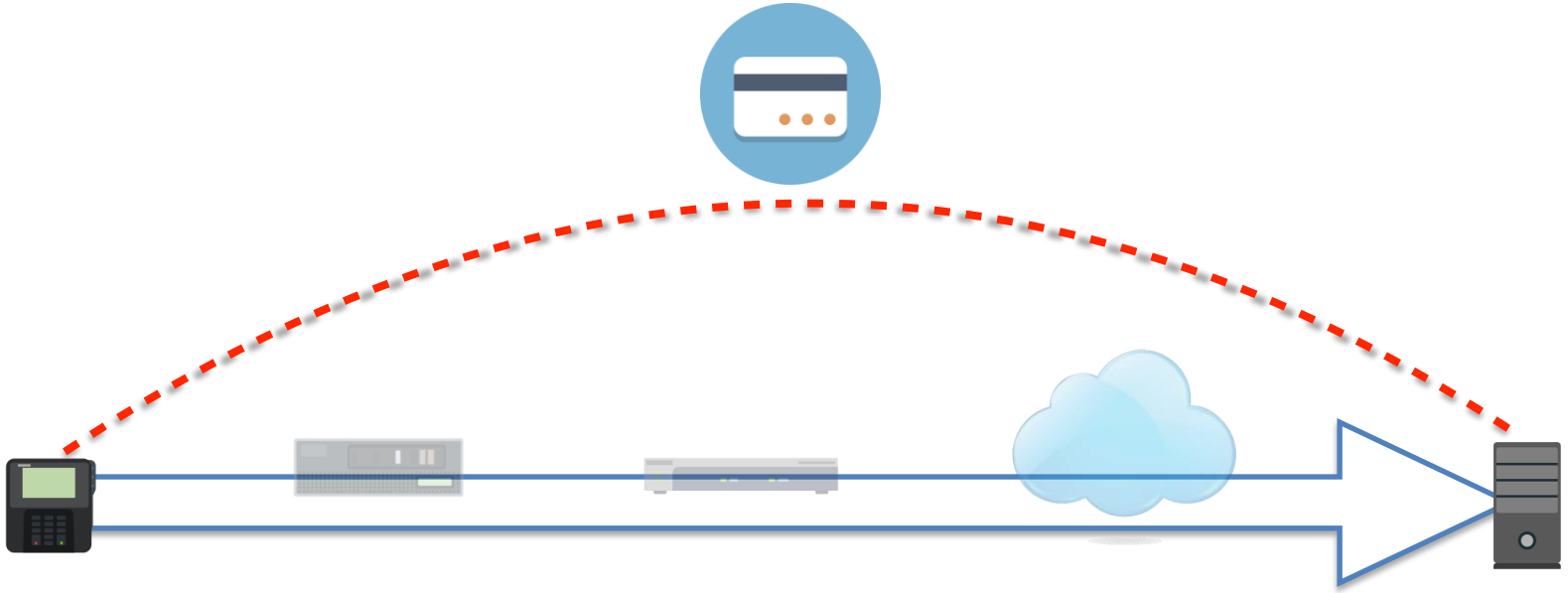
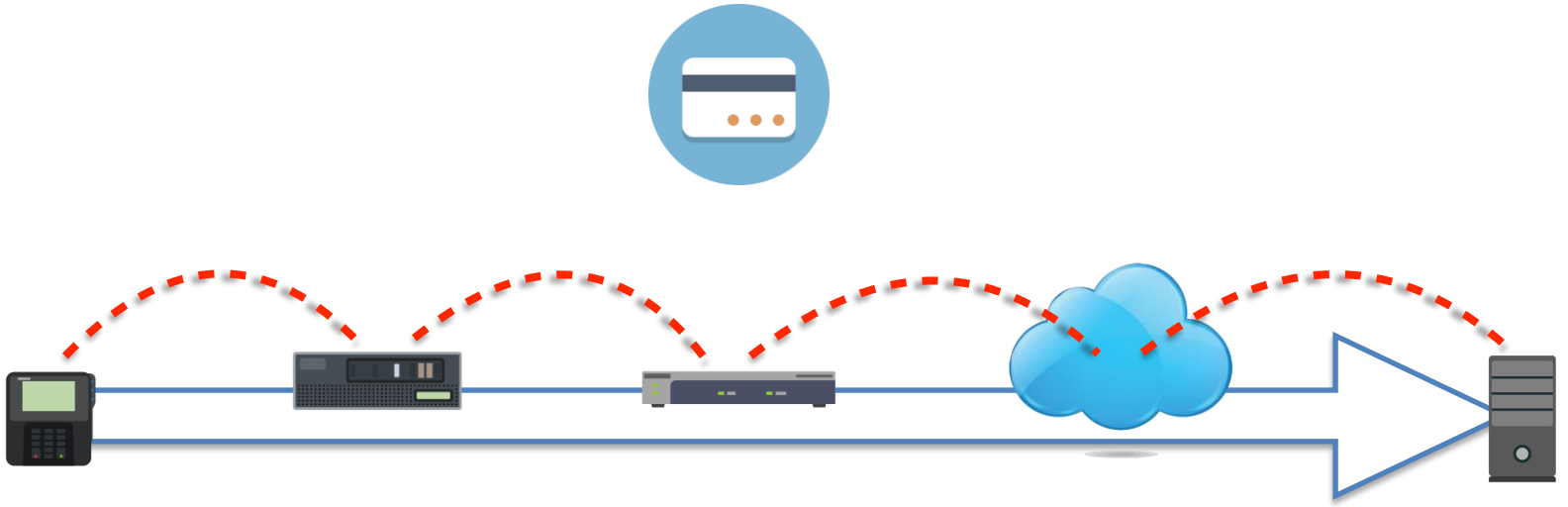


How is the Connection Made?



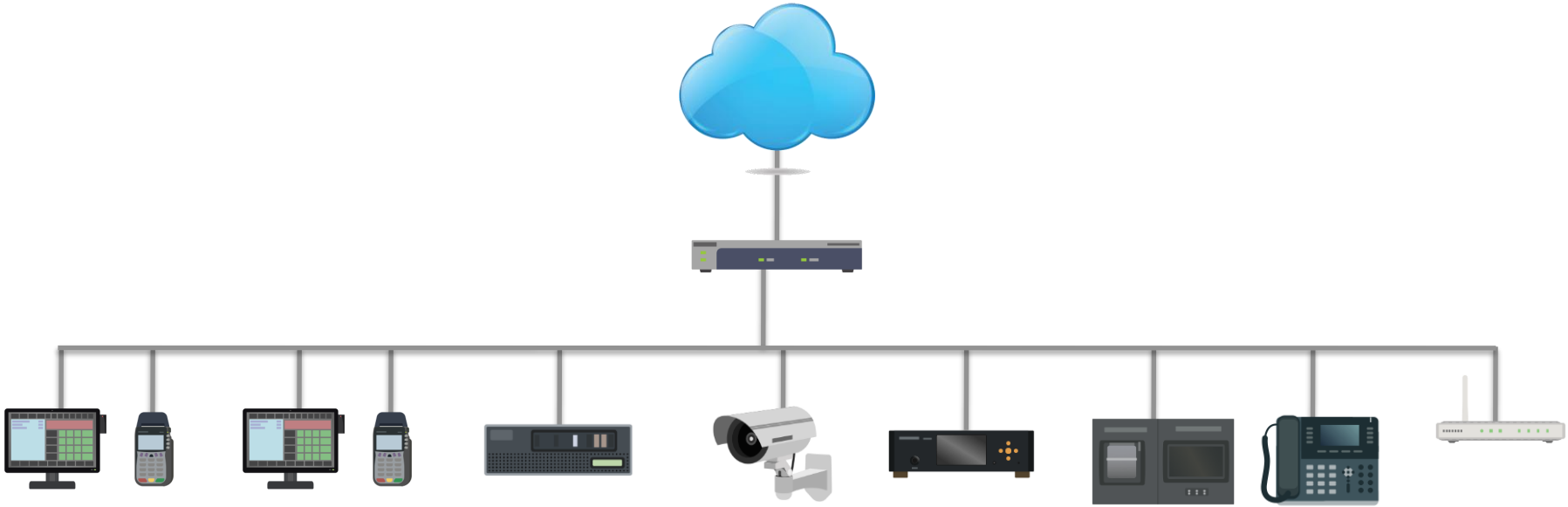
Via Virtual Private Network (VPN)

How is the Connection Made?



No VPN

What Else Has Access to the Data?



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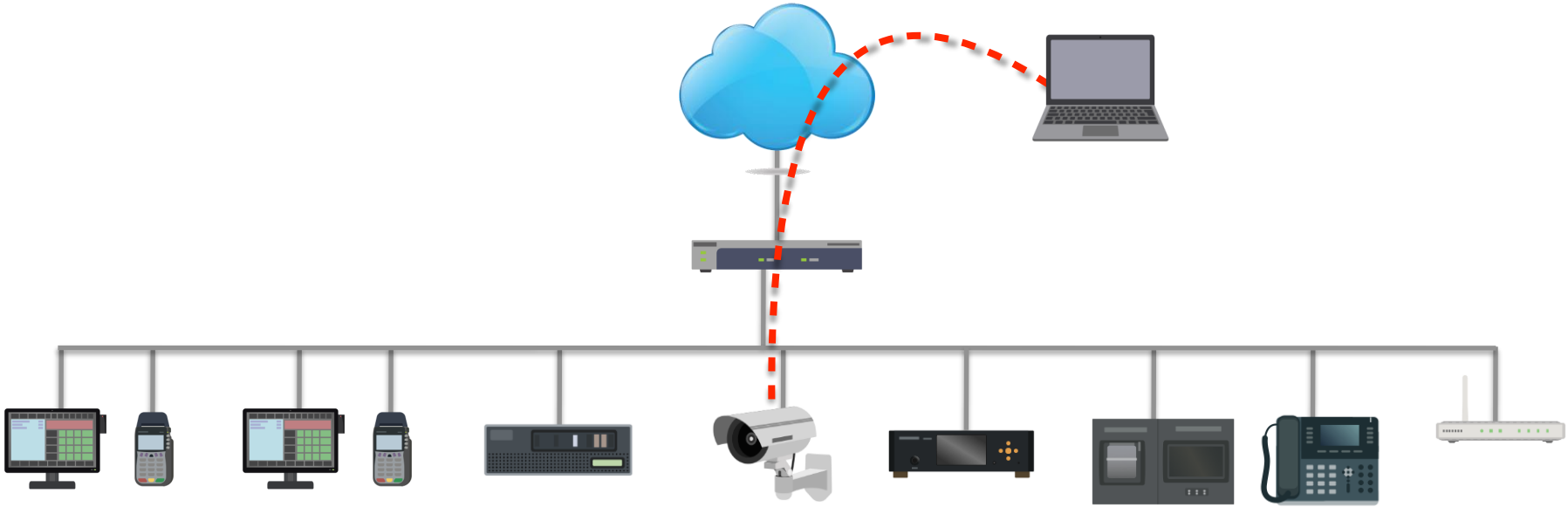

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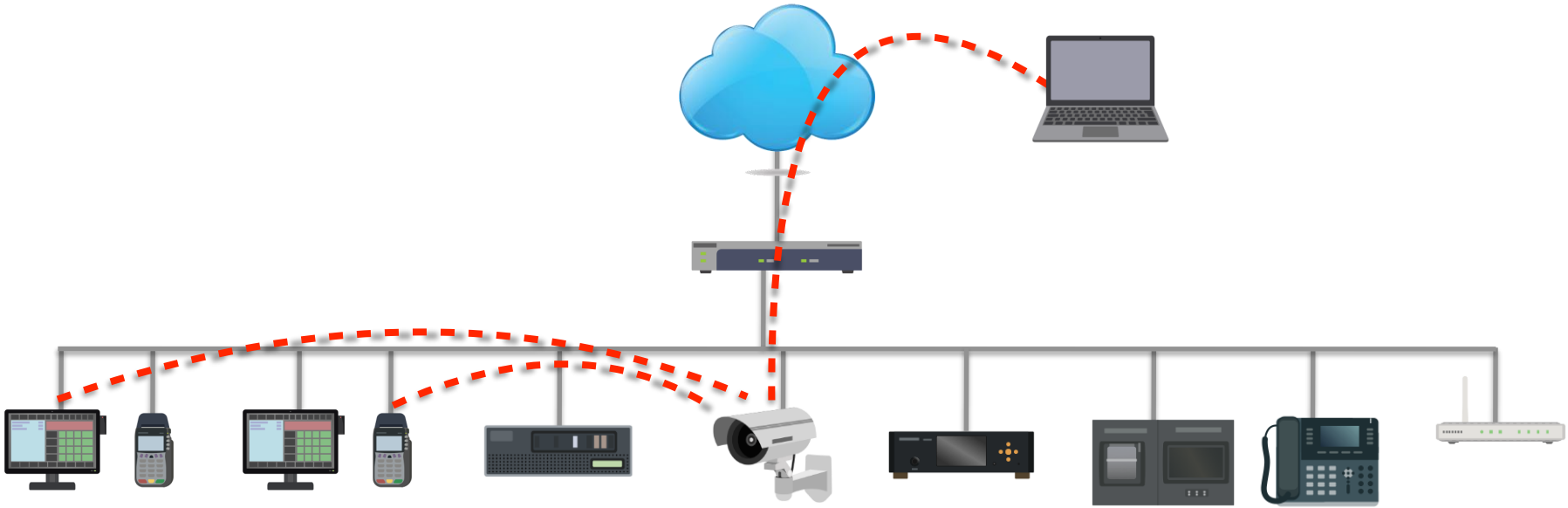

Who Has Access to Configure?

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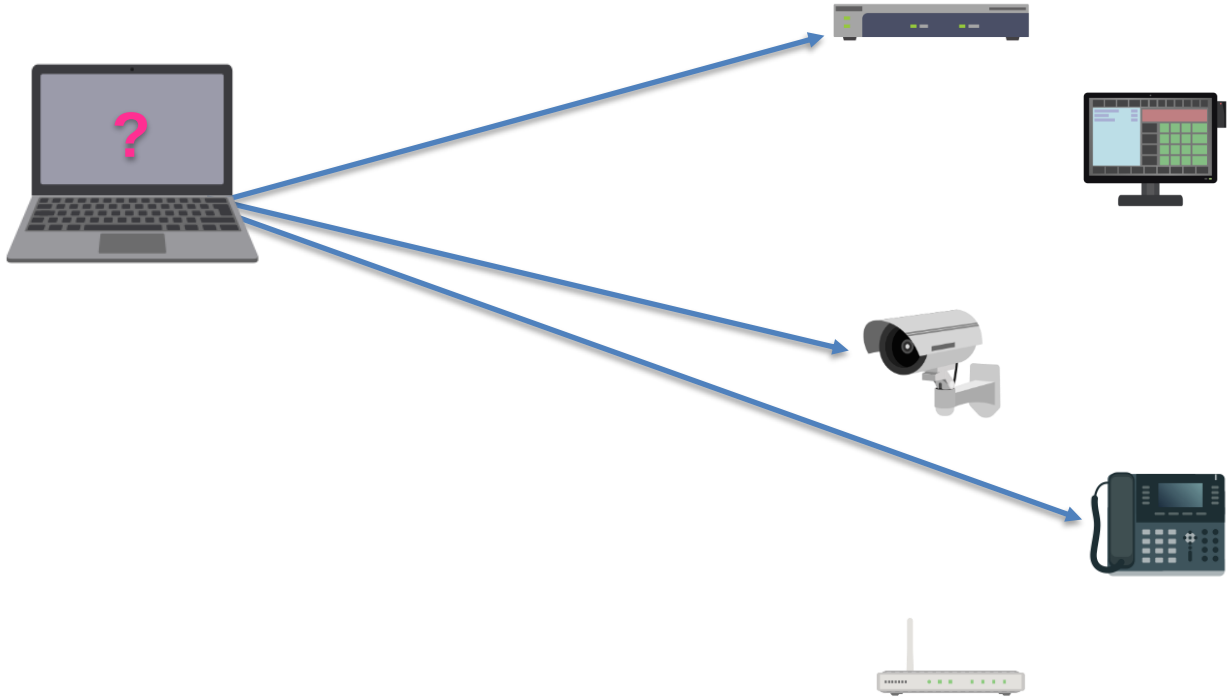

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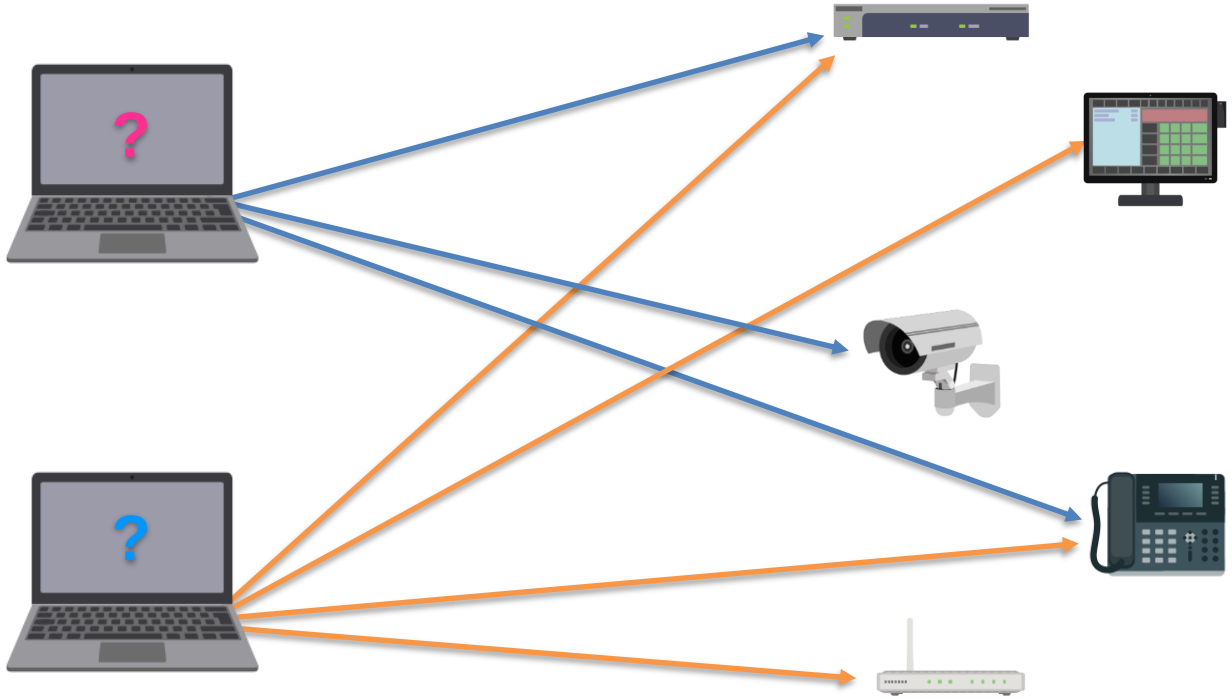

Where do I Start?

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Start by segmenting & set controls

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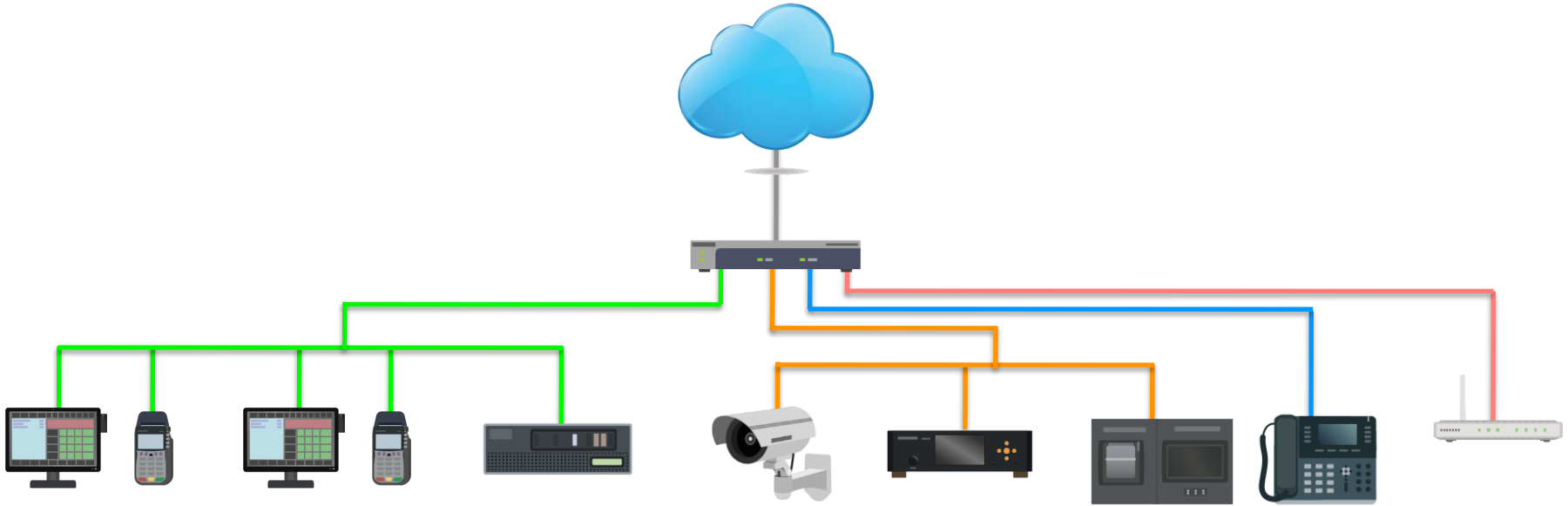

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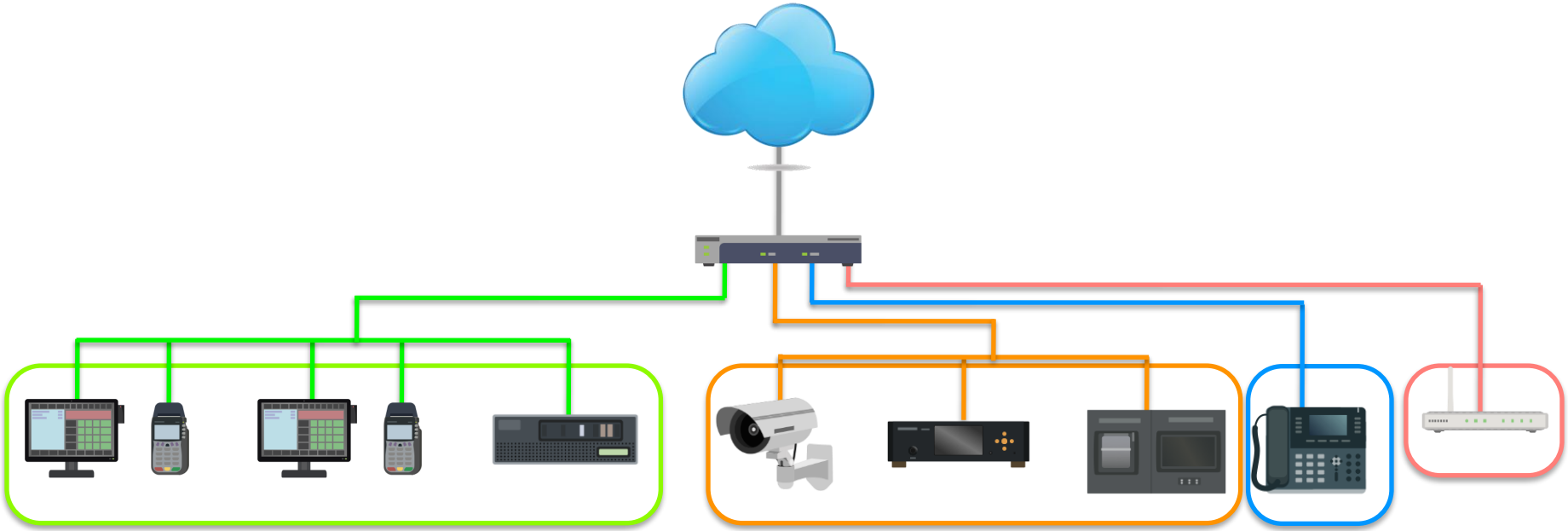

Review Your Setup Regularly

Summary

Understand your store’s environment

Summary

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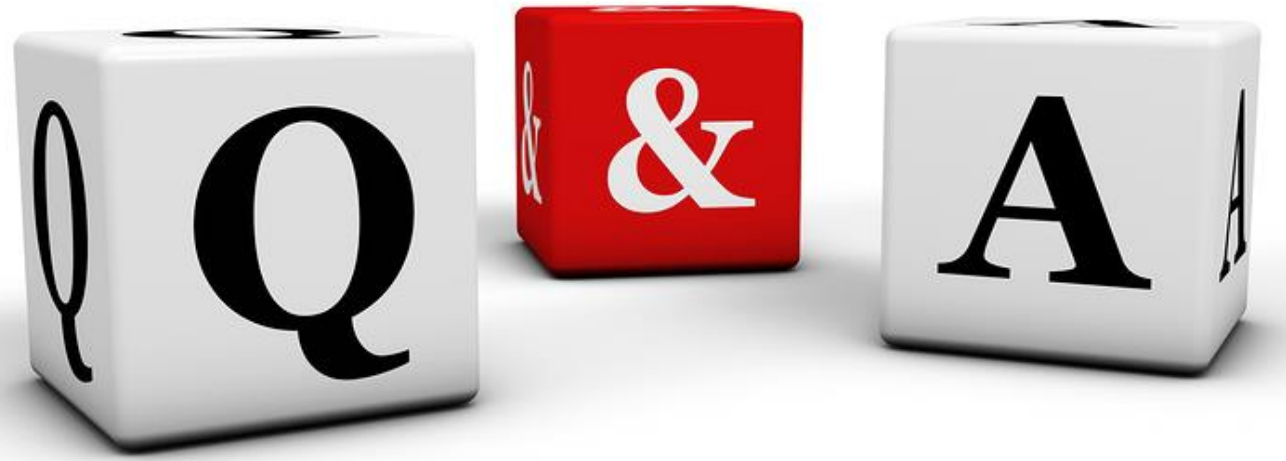
Determine store communication requirements

Summary

Understand your store’s environment

Determine store communication requirements

Know who has admin access



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