



# POINT TO POINT ENCRYPTION OR P2PE

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# AGENDA

## Introductions

- About Coalfire
- About Jon

## What is Point to Point Encryption?

## What is end to end encryption?

## What are the benefits of using point to point encryption?

## When can you use it and when can you not use it?

## What is still under the responsibilities of the merchant after point to point encryption is implemented?

## Questions

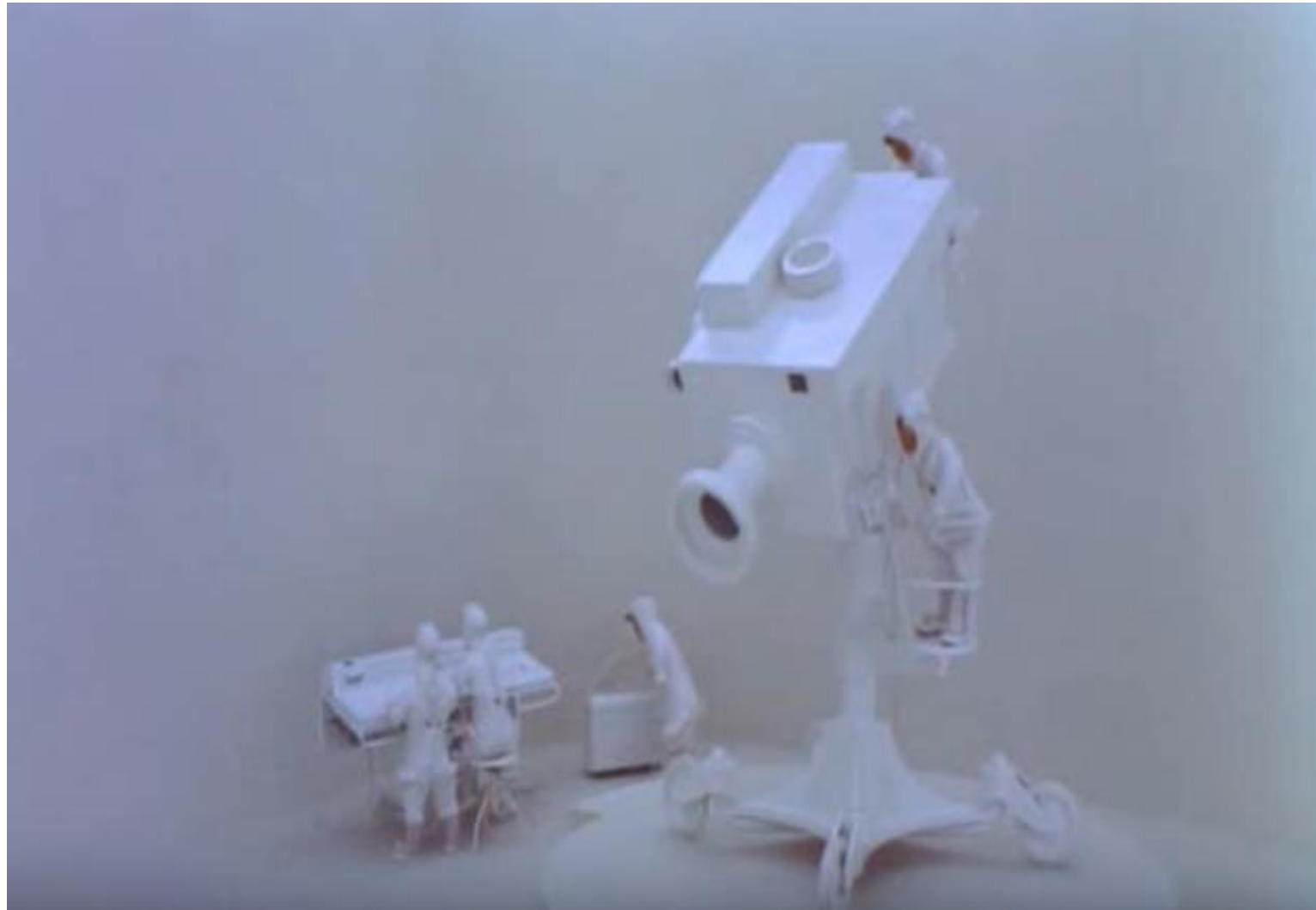
# INTRODUCTION

- **Coalfire is a leader in PCI for State and Local Gov. and Higher Education Institutions.**
- **North Carolina has contracted with Coalfire Systems to provide PCI Consulting Services**
- **Coalfire is an industry leader in P2Pe and has more P2PE QSAs than any other company.**
- **Jon Bonham is a QSA and works for Coalfire.**
- **He specializes in Enterprise customers meaning those that are large organizations made up of many smaller diverse parts such as State and Local Gov., Higher Education and Hospital Systems.**

# WHAT IS E2EE?



# WHAT IS P2PE?



# WHAT IS P2PE?



# WHAT IS P2PE?



# WHAT IS P2PE?





# WHAT IS P2PE?



# WHAT IS E2EE?



# WHAT IS E2EE?



# WHAT ARE THE BENEFITS OF P2PE?

- **Instead of 369 controls that are in scope for the PCI DSS there are only 33 that are in scope.**
- **No Scans required for PCI**
- **No Penetration testing required for PCI**
- **The network is taken out of scope since the data isn't considered payment card data**
- **No firewall management rules**
- **No logging and monitoring**
- **No antivirus and patching**
  
- **E2EE has to go through NESA guidance to determine scope.**

# WHEN CAN YOU USE P2PE

**Card present**

**Phone**

**Mail**

**Fax**

**Not online**

# WHAT IS STILL IN SCOPE

**Inventory Management**

**Security Awareness training**

**Device inspections.**

**The process and anything written**

**VoIP**

**Call centers recordings**

# QUESTIONS

