



# Network Security

## User Experience Design

Nitin Singh

# UX PI Planning

Generating ideas & design workshop

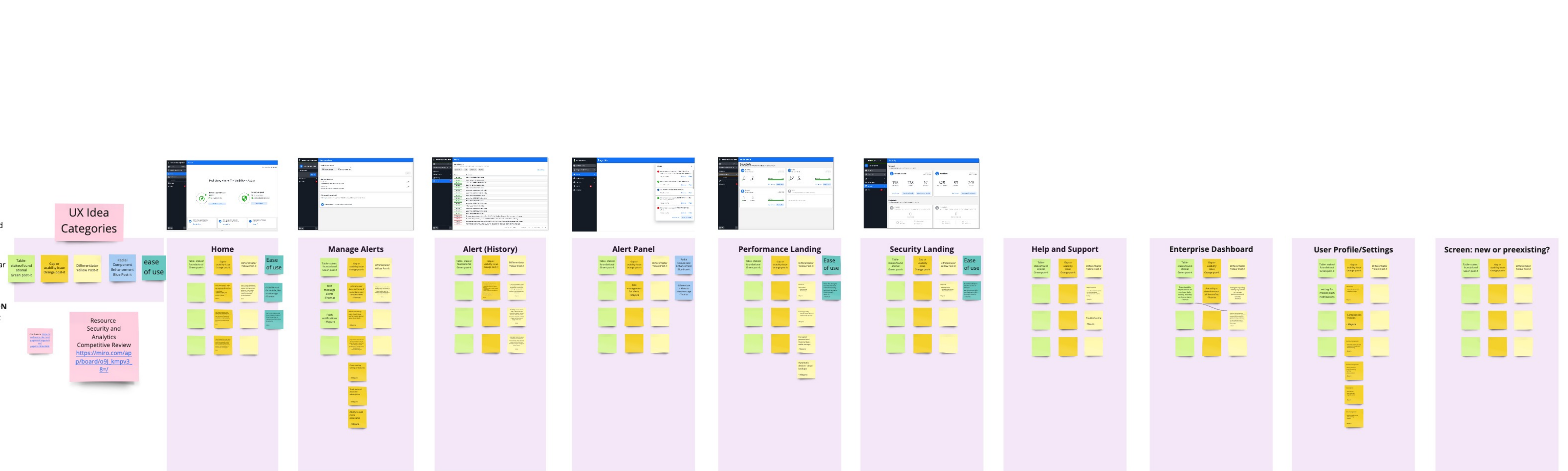
## FIRST WORK SESSION

Step 1: write idea on color code post-it, be sure to add your name. Also, post to appropriate panel

Step 2: cluster like or similar ideas

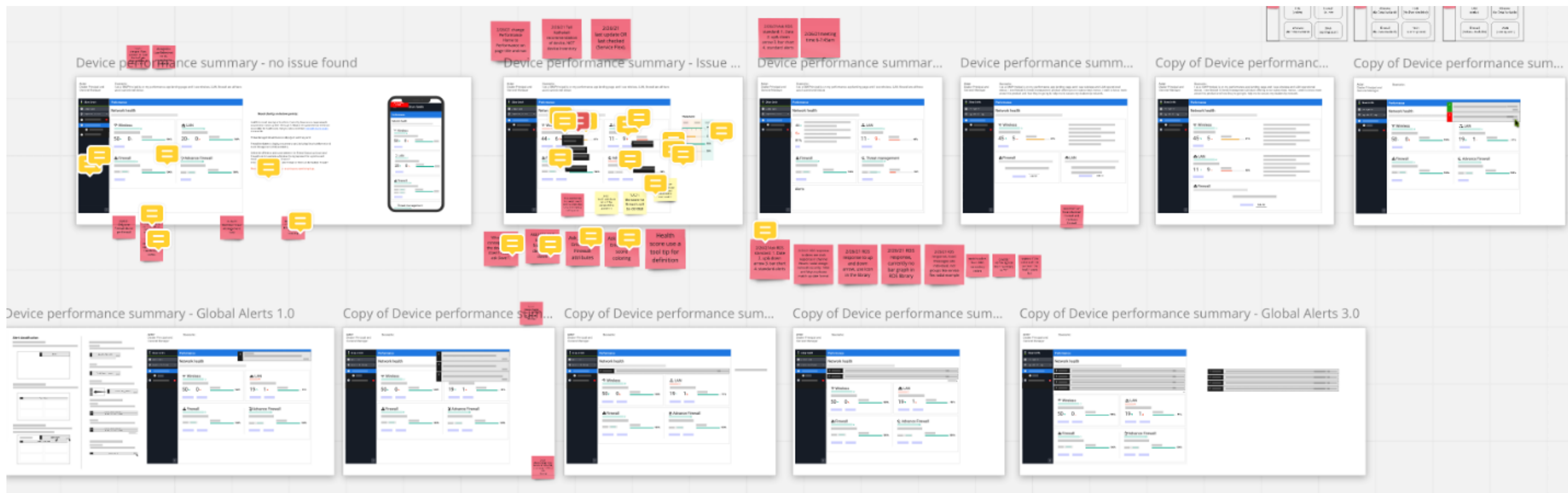
## POST FIRST WORK SESSION

Step 3: Evaluate for impact vs effort



# Design Ideation

Research - wireframe - reviews

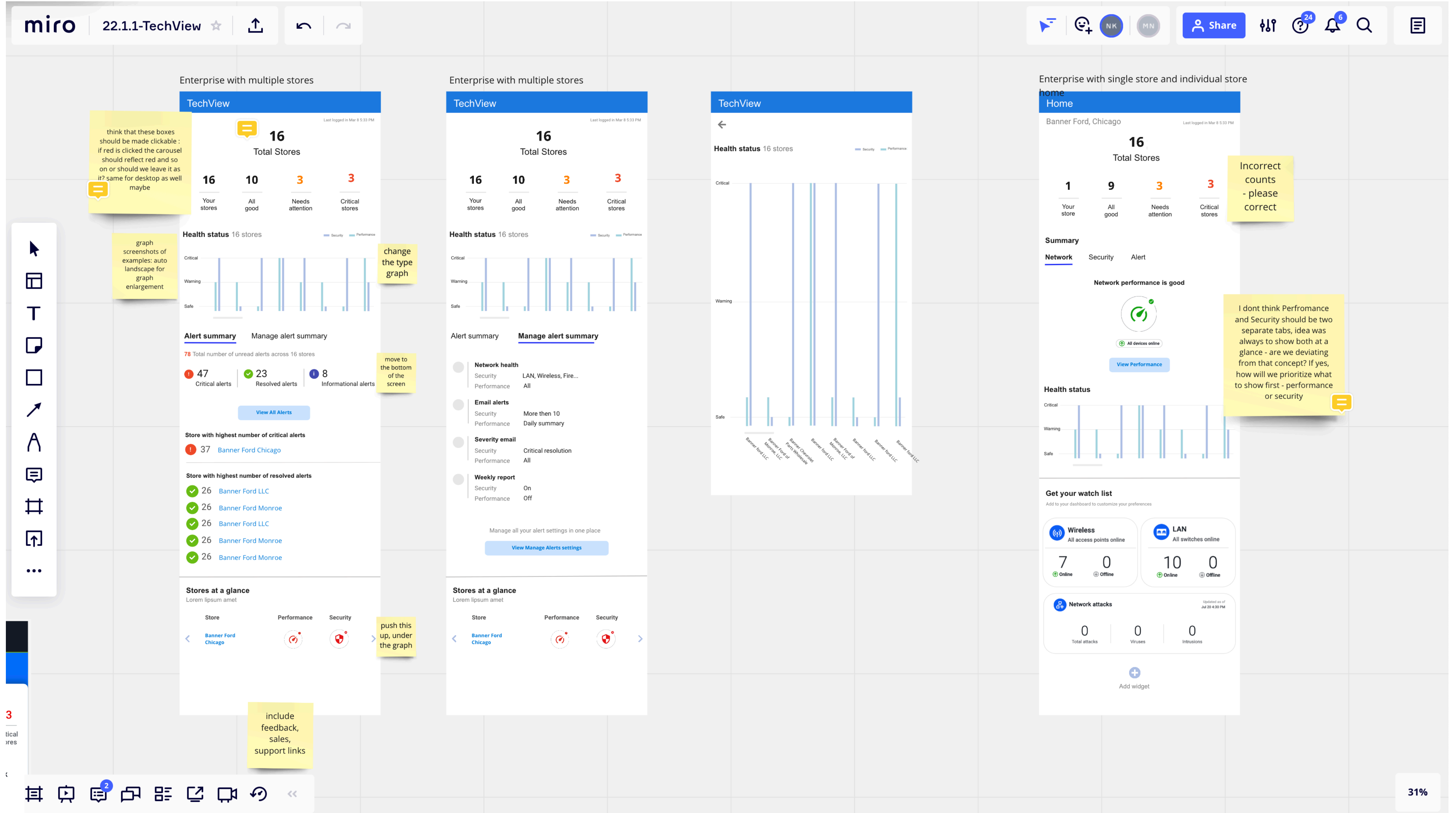


## Competitive Review



# Hi-Fid Wireframe

Interaction - navigation - workflow



# Enterprise Dashboard

Security & performance status dashboard for principal owner (car dealership, multistore).

CDKGlobal

Oliver Smith

TechView

Select Stores

## TechView

### Where IT + Visibility = Action

Updated as of Feb 24 9:19 AM

51 Total Dealer Stores | 16 Assigned Stores | 3 Critical Stores

#### Health status of 16 stores

Health Status	Count
Critical	3
Warning	3
All good	10

#### Banner ford stores that need attention (6)

**Chicago**

- Performance Critical
- Security Critical

**LA**

- Performance Critical
- Security Critical

#### Alerts summary

Total unread alerts across all 16 stores

999+ Total Unread Alerts

- Critical: 247
- Resolved: 523
- Informational: 438

[View All Alerts](#)

#### Alerts settings summary

Preferences across all 16 stores.

**Email alerts settings**

Team members subscribed to email alerts: 7

**Weekly report**

Performance: Off | Security: Off

Alerts sound: On | Text alerts: On

[Manage all global alert settings](#)

[View Manage All Settings](#)

[Help](#) | [Share Feedback](#) | [Contact Sales](#)

Product Name

78

## TechView

51 Total Stores

16 Assigned stores | 3 Critical | 3 Warning | 10 All good

#### Health status 16 Stores

[View Graph](#)

#### Stores need attention (6)

Performance Security

**Banner Ford NYC**

- Critical
- Critical

**Banner Ford NYC lorem ipsum**

- Critical
- Warning

**Banner Ford NYC dolar**

- Warning
- No Data

[View All](#)

[i](#)

# Dashboard - Store Level

Security & performance status dashboard for principal owner (specific dealer store).

**Home** View 16 Stores

## Banner Ford, Chicago

Updated as of Feb 24 9:19 AM

51 Total Dealer Stores | 16 Assigned Stores | 1 Critical Stores

### Network performance has server issues

All devices offline [View More](#)

### Security has server issues

Network attack  
Endpoint threat

### Alerts summary

Total unread alerts across all 16 stores

0 Total Unread Alerts

- Critical: 0
- Resolved: 0
- Informational: 0

[View All Alerts](#)

### Alerts settings summary

Preferences in this store

**Email alerts settings**  
Team members subscribed to email alerts: 7

**Weekly report**  
Performance: Off | Security: Off

Alerts sound: On | Text alerts: On

[Manage all global alert settings](#)

[View Manage All Settings](#)

### Health status

Performance | Security | All

Critical

Warning

All good

Monday | Tuesday | Wednesday | Thursday | Friday

[Share Feedback](#) [Contact Sales](#)

**Home** Product Name 78

You are assigned to 16 stores out of 51 stores

## Rogers Ford, Chicago

16 Assigned stores | 3 Critical | 3 Warning | 10 All good

### Performance & Security status

#### Network performance has server issues

Devices offline [View More](#)

[View Health](#)

#### Security at risk

Network attack  
Endpoint threat [View More](#)

[View Health](#)

[View All Alerts](#)

# Security

Network & endpoint security status.

**CDKGlobal**

**Security**

Oliver Smith

TeckView

Dealer XYZ

Home

Performance

**Security**

Alerts 12

Help

### Network

At-a-glance security status of your network traffic

#### Network attacks

Updated as of Apr 29 11:34 AM

195	128	67
Total attacks	Viruses	Intrusions

[Key Factors](#) [View Virus Details](#) [View Intrusion Details](#)

#### Web filter

328 Total Web Content Subcategories | 83 Blocked | 2 Allowed

### Endpoints

At-a-glance security status of all your endpoint devices

#### Threats

Updated as of Feb 24 9:19 AM

9	Total threats	
20	Total attempts	12 Unresolved
		8 Resolved

[Key Factors](#) [View Threat Details](#)

#### Endpoints

3 Infected endpoints

45	Healthy endpoints	48	Total endpoints
----	-------------------	----	-----------------

[Key Factors](#) [View Endpoint](#)

### Security

**Attacks**

195 Total threats

128	Intrusions	67	Viruses
-----	------------	----	---------

### Security

**Threats**

9 Total threats

20	Total attempts	12 Unresolved	8 Resolved
----	----------------	---------------	------------

### Security

**Endpoint**

3 Infected endpoints

45	Healthy endpoints	48	Total endpoints
----	-------------------	----	-----------------

[Key Factors](#) [Threat Details](#)

# Security - Endpoints

Endpoints are agents installed in dealership devices, they stop/detect malware entering dealership store devices through network.

CDKGlobal

## Security

Network | Endpoints

**Threats** Updated as of Feb 24 9:19 AM

9 Total threats

20 Total attempts | 12 Unresolved | 8 Resolved

**Endpoint** Updated as of Apr 29 11:34 AM

3 Infected endpoints

45 Healthy endpoints | 48 Total endpoints

[Key Factors](#)

[Threat Details](#)

[Endpoint Details](#)

CDKGlobal

## < Endpoint

[View All Threats](#)

- DESKTOP-IO8V8E2 2 Threats
- DESKTOP-IO8V8E2 3 Threats
- DESKTOP-IO8V8E2 4 Threats
- SERVER-IO8V8E67 No threats
- DESKTOP-IO8V8E2 No threats
- DESKTOP-IO8V8E2 No threats
- SERVER-IO8V8E67 No threats
- DESKTOP-IO8V8E2 No threats
- SERVER-IO8V8E67 No threats

CDKGlobal

## < Endpoint

DESKTOP-IO8V8E2 Windows 10 Pro...

4 Threats detected

- SAntivirusIC.exe
- WAXFED9.tmp
- Unconfirmed.eve
- Unconfirmed 629158.crdownload

CDKGlobal

## < Endpoint

DESKTOP-IO8V8E2 Windows 10 Pro...

4 Threats detected

- Resolved** 2/11/2021 7:30 AM  
Action: Quarantined | Classification: Malware
- Unresolved** 2/10/2021 8:21 PM  
Action: No action yet | Classification: Malware
- Unresolved** 2/10/2021 5:05 AM  
Action: No action yet | Classification: Malware
- Resolved** 2/10/2021 4:35 AM

DESKTOP-IO8V8E2

Windows 10 Pro (64 bit)

Last logged in Ramnathan Iyer	Last active 4 minutes ago
Network status Connected	Health status Healthy
IP address 206.92.75.10.231	Host name Lorem ipsum
Device type Computer (PC)	OS version Windows 10 pro
Memory 15.79 GB	CPU 8x intel(R) core...
Core count 8	Domain Workgroup
Last reboot 2/9/2021 11:10 AM	

### Endpoint key factors

- 9 Total threats  
Sum of active threats across all infected endpoints.
- 20 Total threat attempts  
Sum of attempts made by all active threats.
- 12 Unresolved attempts  
This reflects the number of attempts that have been quarantined.
- 8 Resolved attempts  
This reflects the number of attempts that have been quarantined and killed.
- 3 Infected PCs and/or servers  
User could experience disruption of service
- 45 Healthy PCs and/or servers
- 48 About the total number of endpoints  
This number reflects the total PCs and servers at this particular store location.



# Security - Endpoints

Endpoints are agents installed in dealership devices, they stop/detect malware entering dealership store devices through network.

The screenshot displays the CDKGlobal security dashboard. The main interface is titled 'Endpoint' and shows a list of endpoint devices. The 'Security' section is active, showing a list of endpoints with their threat counts. A detailed view of a specific endpoint (DESKTOP-IO8V8E2) is shown, displaying its status as 'Healthy' and a list of 4 detected threats. Two overlapping 'Threats' detail windows are visible, providing more information about specific threats like 'SAntivirusIC.exe' and 'Unconfirmed 623.exe'.

**Endpoint List:**

Device ID	Threats
DESKTOP-IO8V8E2	2 Threats
DESKTOP-IO8V8E2	3 Threats
DESKTOP-IO8V8E2	4 Threats
SERVER-IO8V8E67	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
SERVER-IO8V8E67	No threats
DESKTOP-IO8V8E2	No threats
SERVER-IO8V8E67	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats
DESKTOP-IO8V8E2	No threats

**Endpoint Details (DESKTOP-IO8V8E2):**

Windows 10 Pro (64 bit)  
 Last logged in: Ramnathan Iyer  
 Last active: 4 minutes ago  
 Network status: Connected  
 Health status: Healthy  
 IP address: 206.92.75.10.231

**4 Threats detected:**

- SAntivirusIC.exe
- WAXFED9.tmp

**Threat Detection Log:**

Threat status	Reported time	Action	Classification
Resolved	2/11/2021 7:40 AM	Killed	Malware
Unresolved	2/10/2021 5:34 AM	No action yet	Malware
Unresolved	2/9/2021 3:05 AM	No action yet	Malware
Resolved	2/9/2021 1:40 AM	Killed	Malware
Unresolved	2/9/2021 11:57 PM	No action yet	Malware
Resolved	2/9/2021 10:21 PM	Quarantined	Malware
Unresolved	2/9/2021 10:00 PM	No action yet	Malware
Unresolved	2/9/2021 8:01 PM	No action yet	Malware
Resolved	2/9/2021 7:14 PM	Killed	Malware
Resolved	2/9/2021 3:27 PM	Quarantined	Malware
Unresolved	2/9/2021 1:40 PM	No action yet	Malware
Unconfirmed			Unconfirmed.eve
Unconfirmed			Unconfirmed 629158.crdownload

**Threats Detail (Left):**

Threat name	Status
SAntivirusIC.exe	Desktop -108V8E2   2 (red) 4 (green)
Unconfirmed 623.exe	Server - 236THU2   3 (red) 4 (green)
WAXFED9.tmp	Desktop -108V8E2   4 (red) 0 (green)
00010252.tmp	Desktop -108V8E2   1 (red) 3 (green)
Flashback.exe	Desktop -108V8E2   2 (red) 4 (green)
WAXFED9.tmp	Desktop -108V8E2   3 (red) 1 (green)
shcad.exe	Desktop -108V8E2   4 (red) 4 (green)
shcad.exe	

**Threats Detail (Right):**

Threat name	Status
SAntivirusIC.exe	Desktop -108V8E2   2 (red) 4 (green)
Unconfirmed 623.exe	Server - 236THU2   3 (red) 4 (green)
Unresolved	2/11/2021 7:30 AM
Action	No action yet
Classification	Malware
File type	\device\harddisk\lorem ipsum208\c-ytd...
AI confidence level	Suspicious
Analysis verdict	Undefined
First seen	Place holder
Effectuated endpoint	Place holder
Process user	Place holder
Originating process	Place holder
Unresolved	2/10/2021 6:10 AM
Action	No action yet
Classification	Malware

Thank you

**Nitin Singh** - Sr. product designer (UX) | [nitinaltra@gmail.com](mailto:nitinaltra@gmail.com)