



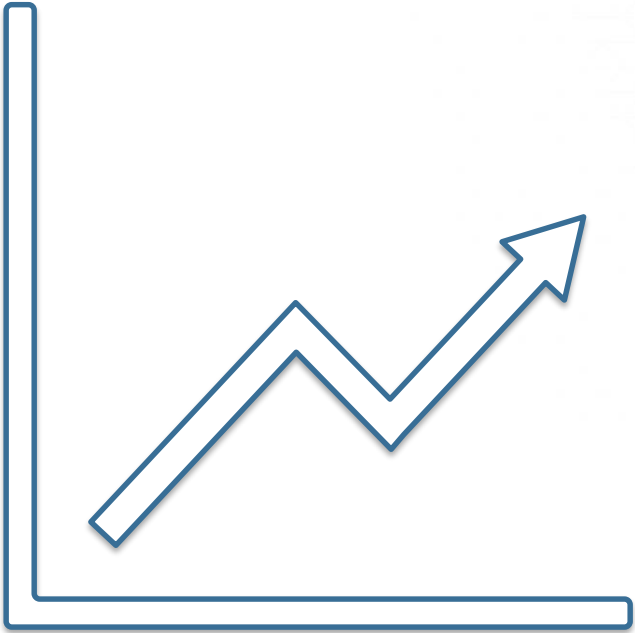
**NS**

**18**

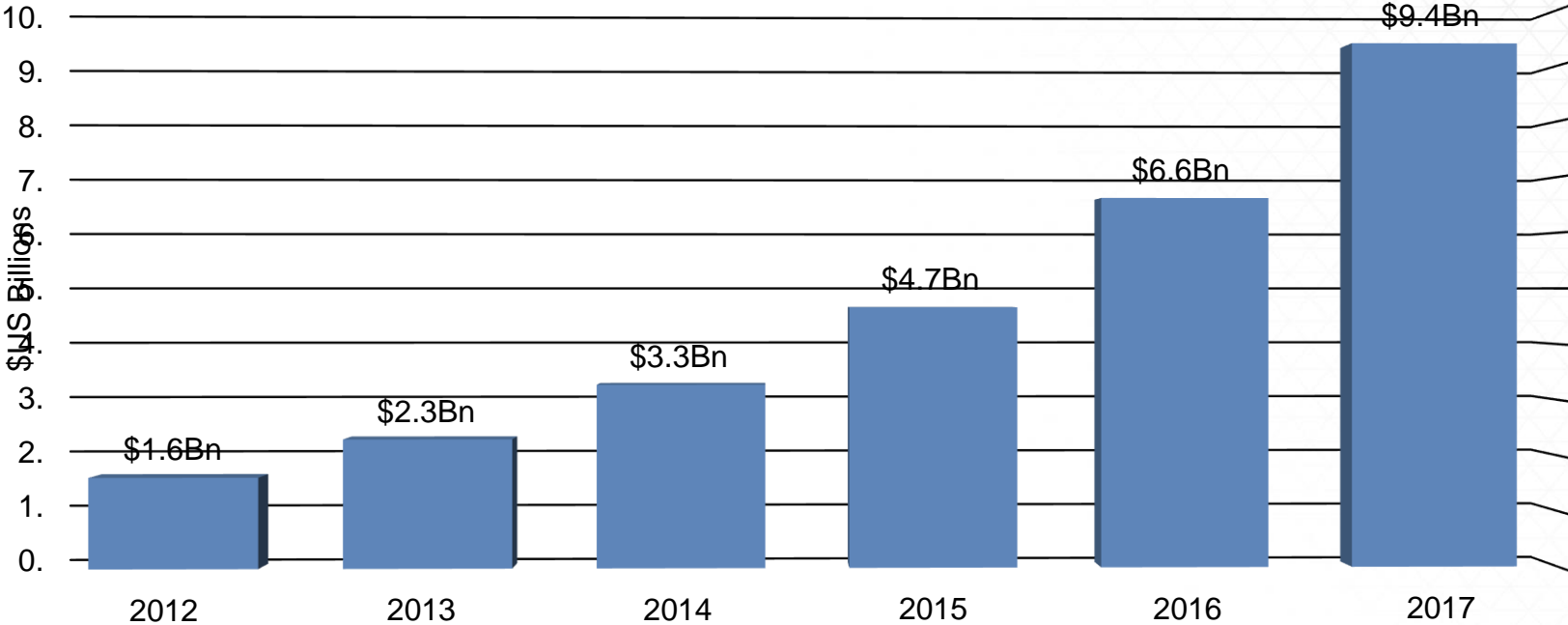
**NIAGARA  
SUMMIT**

**CONNECTING  
THE WORLD**

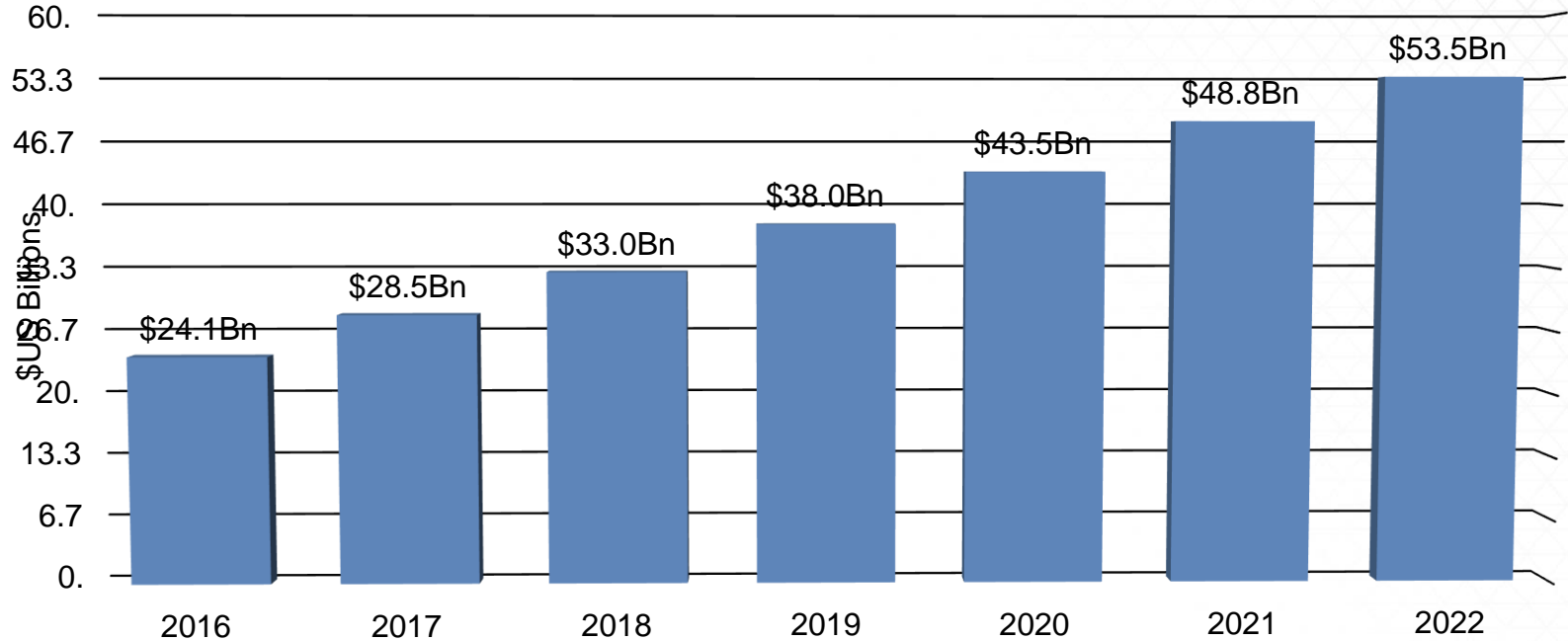
# Market Analysis



# Estimated Value of North American Start Home Market



# Estimated Value of Global Start Home Market



# Market Analysis

..the residential extension of building automation

- Lighting
- HVAC and Comfort Control
- Appliance Control and Monitoring
- Security
- Energy efficiency
- Improved convenience

# Competitor Analysis

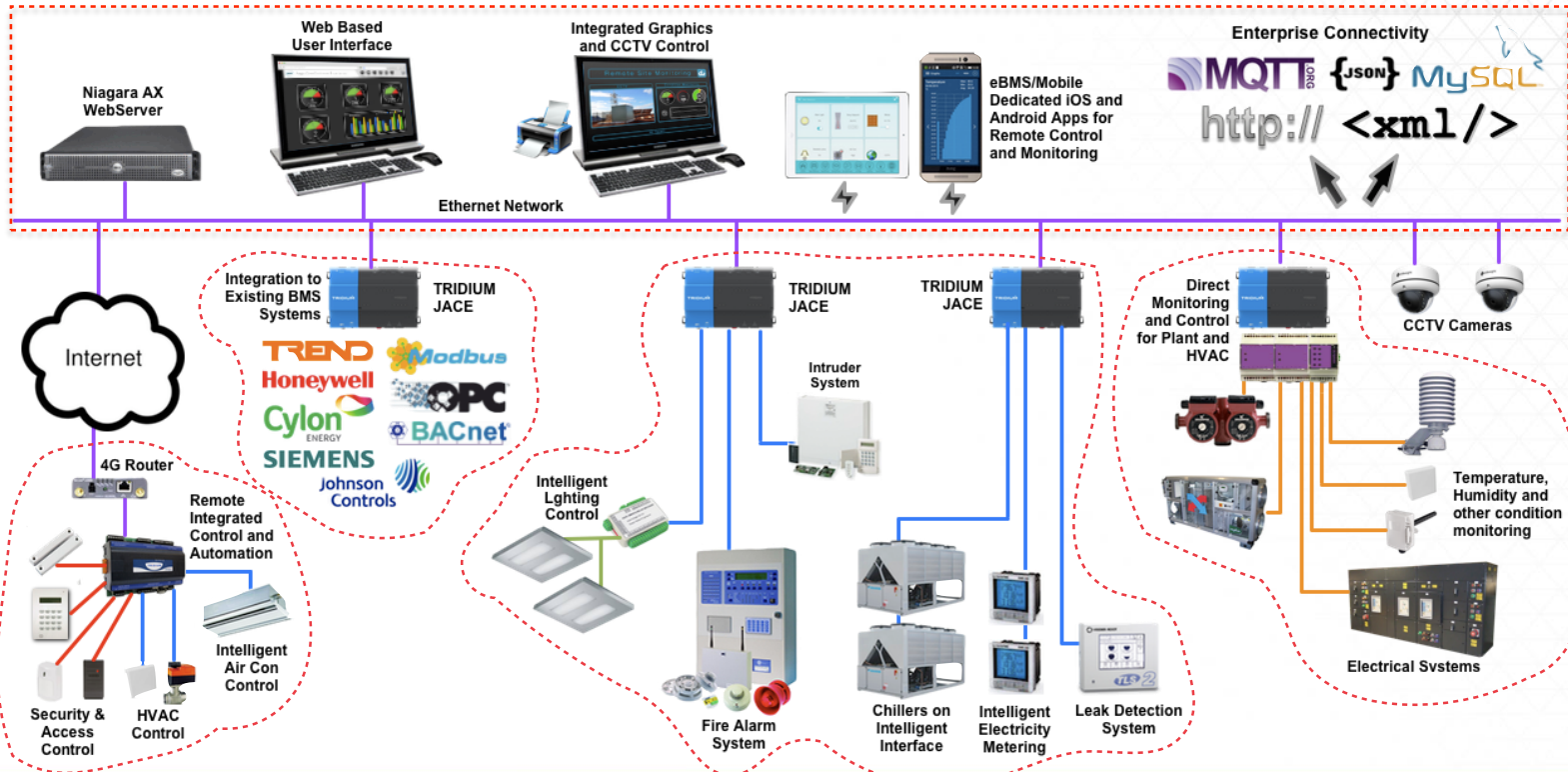


# Their Strength: User Interface





# Our Greatest Strength



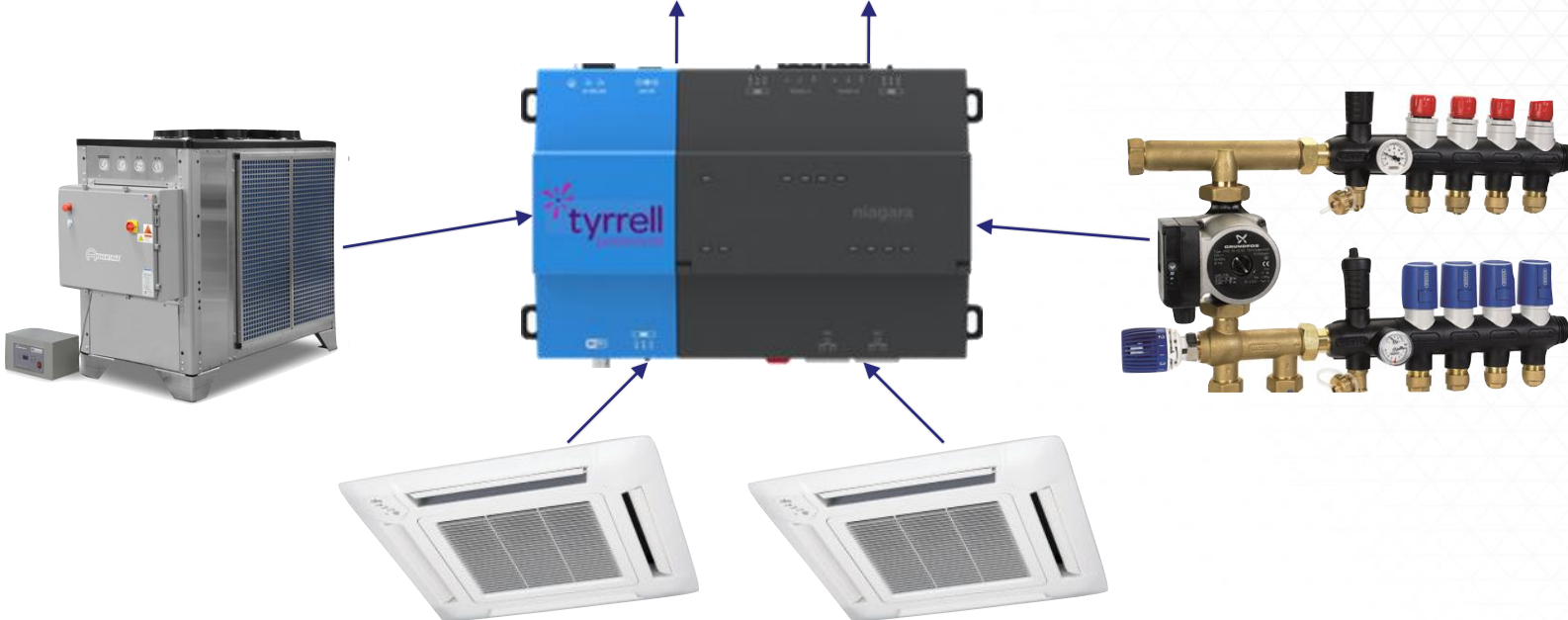




# Why are we here...?



# savant





# eBMS/Mobile

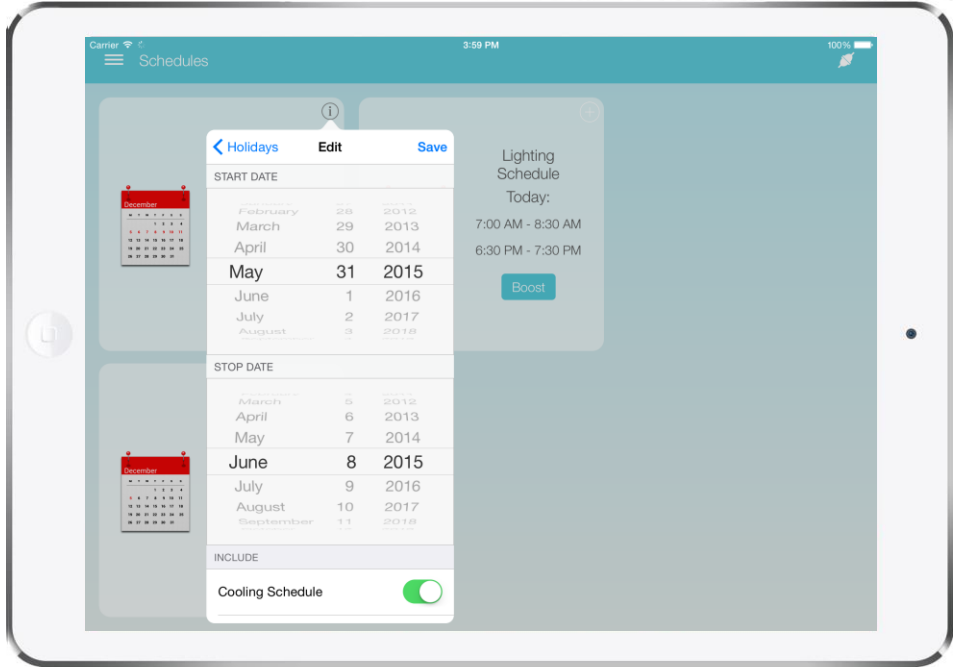
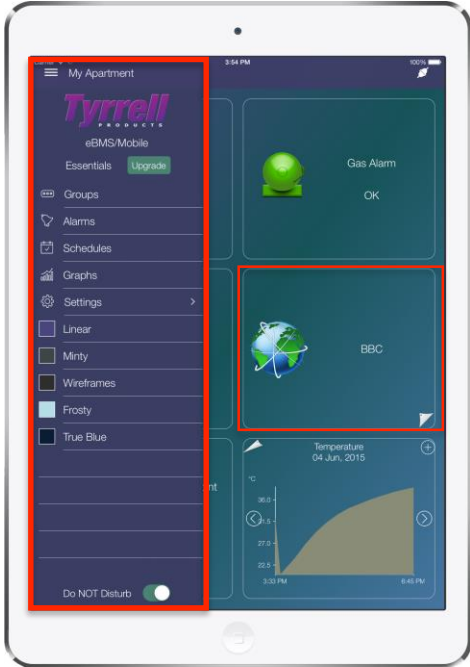
- Home Automation
- Video Door Entry
- Multi-Media Control

# eBMS/Mobile

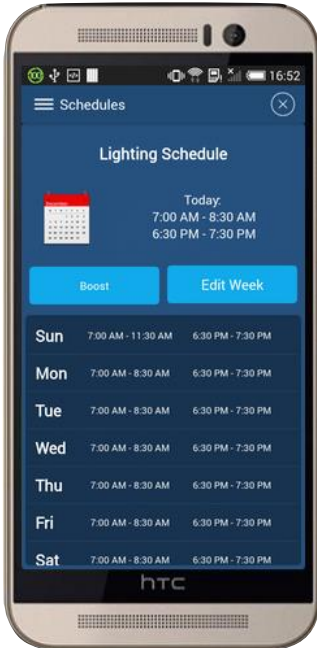




# eBMS/Mobile for iPad



# eBMS/Mobile for iOS and Android





# eBMS/Mobile for HVAC

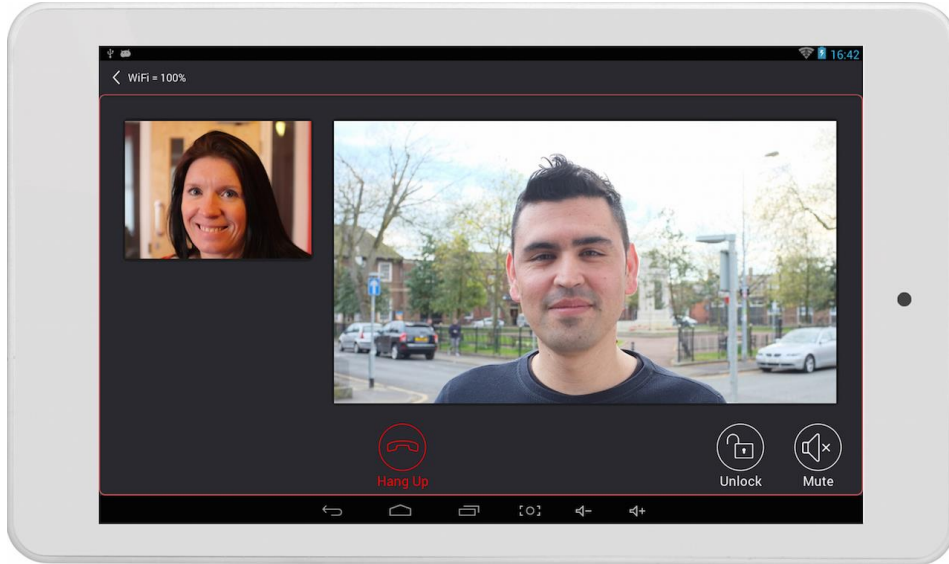


# Touch Panel for eBMS/Mobile



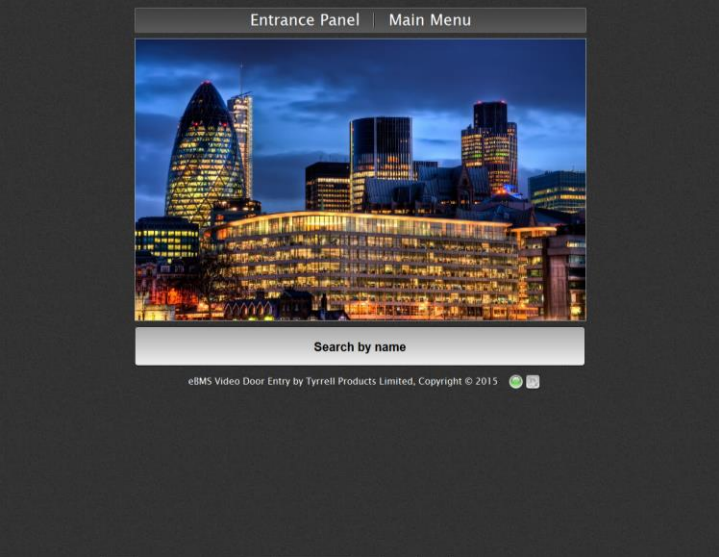
- 7 Inch Capacitive Screen
- 90-230VAC
- Ethernet Networking
- 2 x 20w Power Amplifier
- Audio Line In and Out
- Android OS

# eBMS/Mobile for Video Door Entry

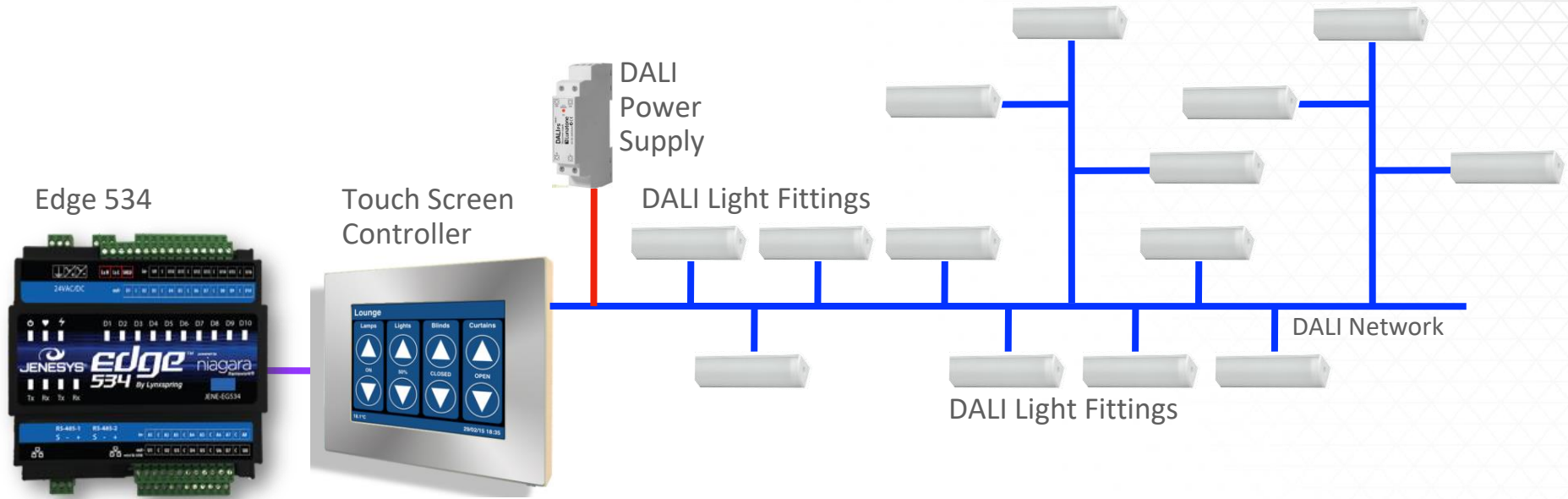


- 2-Way Video for Signed Entry
- Video Phone Community Calling
- CCTV Access
- Visual Caller History
- Fully Integrated with Niagara

# Video Door Entry Panels



# DALI Lighting Control with eBMS/Mobile





# DMX Lighting Control with eBMS/Mobile

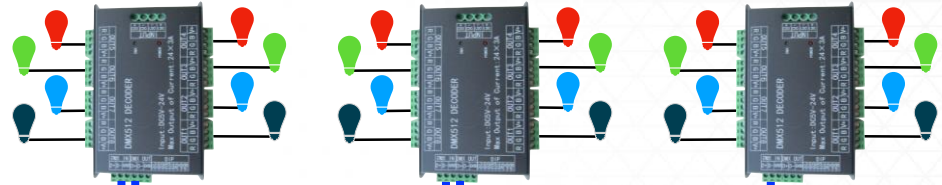
Edge 534



Touch Screen Controller



Multi-Channel DMX LED Driver Modules



DMX RS485 Network



# eBMS/Mobile and Video Door Entry Service

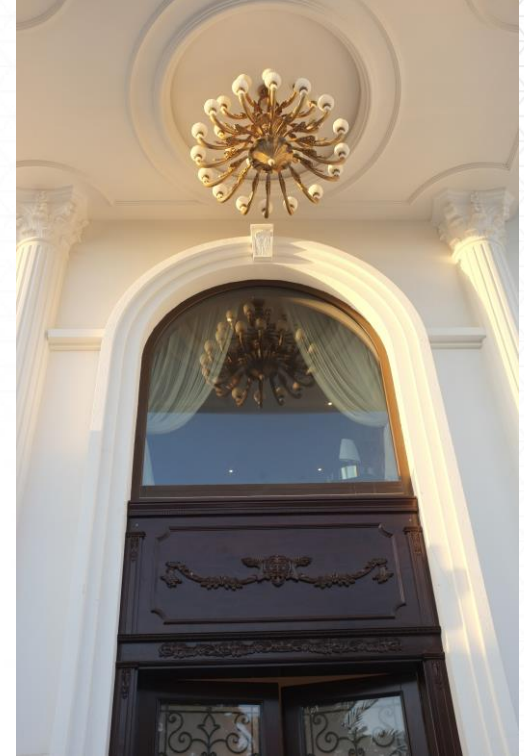
The screenshot displays the eBMS/Mobile software interface. On the left, there are two panels: a 'Palette' and a 'Nav' (Navigation) tree. The 'Palette' shows a search for 'mobileDeviceModule' and lists components like eBMSMobileService, eBMSDoorEntry, eBMSExtensions, eBMSMobilePointExtension, eBMSMobileAlarmExtension, eBMSMobileComponents, eBMSMobileEnumWritable, eBMSMobileBooleanWritable, and eBMSMobileLatch. The 'Nav' tree shows a project structure for 'Station (eBMS\_TPL\_conference)' with sub-items like Config, Services, Drivers, Apps, Alarm, Lighting Strategy, Demo Box, Fan Control, Table/Demo Groups, eBMS Mobile Settings, Files, and History.

The main area on the right is the 'Home' screen, featuring the 'tyrrell products' logo in the top right corner. The 'Home' screen contains a grid of buttons for navigation:

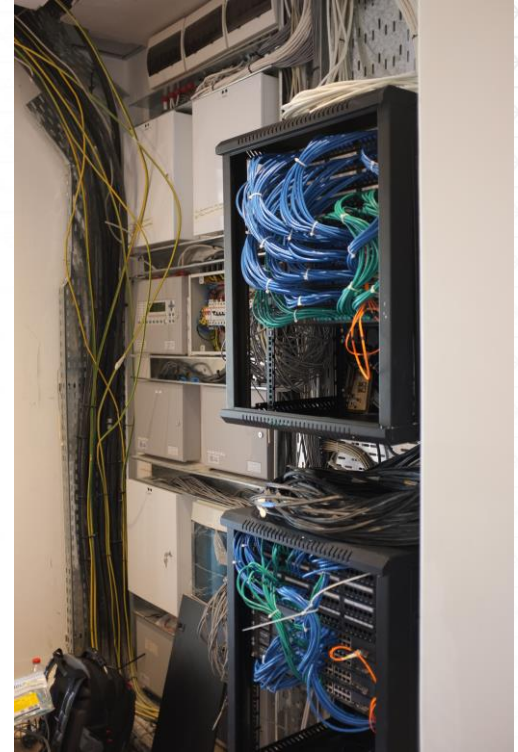
Master Devices	Sub Devices
Generic Groups	System Groups
Standard Groups	Home Group
Web Widgets	Graph Widgets
Action Widgets	Remote Controls
RGB Widgets	General Settings
License Overview	VDE Settings
VDE Devices	Filter Groups
VDE Apply All	Engineering Setup

The Windows taskbar at the bottom shows the time as 14:11 on 27/03/2017.

# Existing Site Example



# Existing Site Example

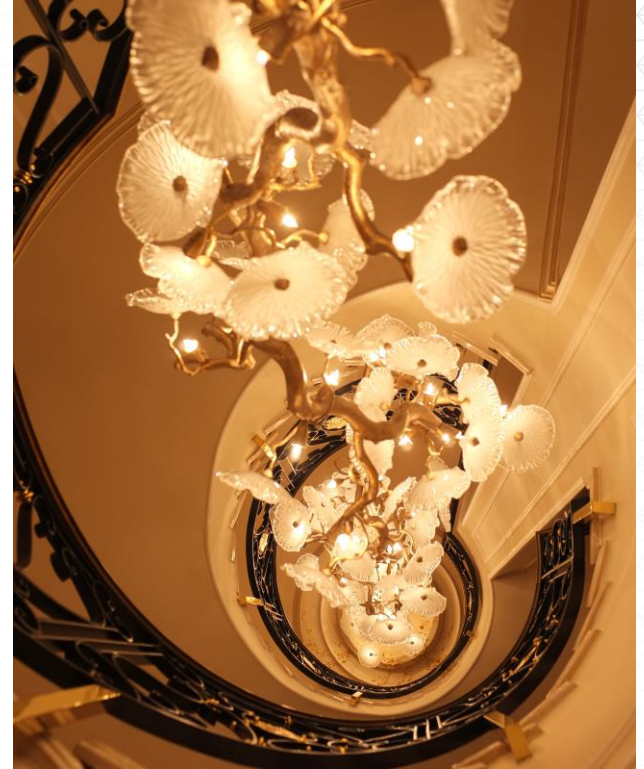




# Existing Site Example



# Existing Site Example

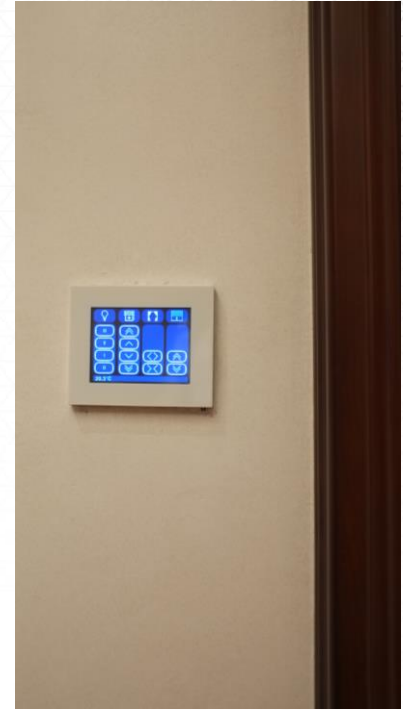


# Existing Site Example

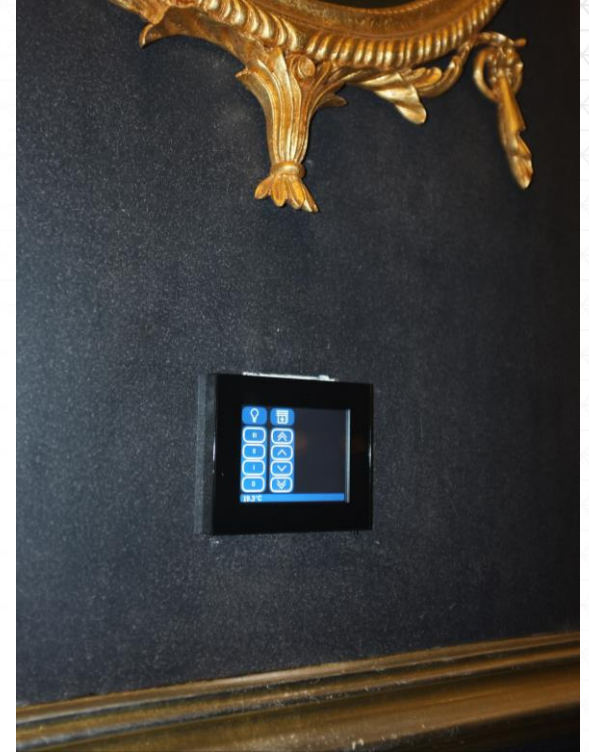
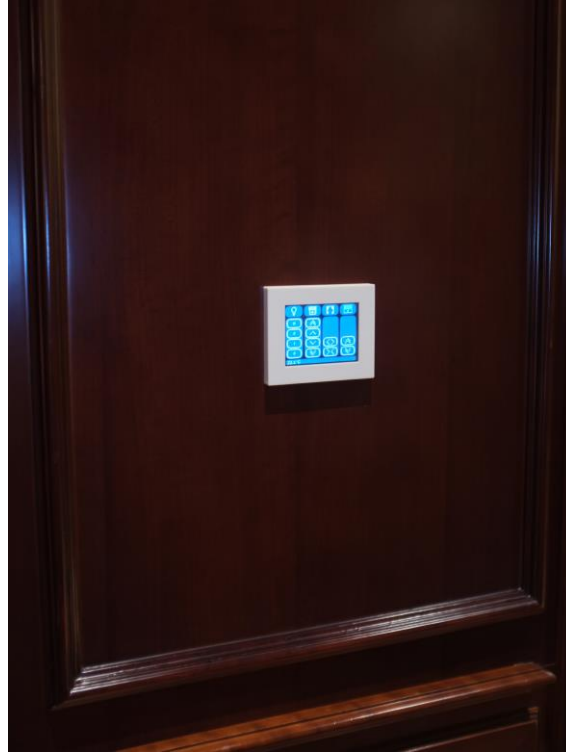




# Existing Site Example



# Existing Site Example









Office



Temperature



20.5 °C

Lights



Curtains



Temperature Setting



22.5 °C




Blinds



Fly Screen



 tyrrell



Office



Temperature



20.6 °C

Lights



Curtains



Temperature Setting



22.5 °C



Blinds



Fly Screen



tyrrell





# Tyrrell Smart Home



# Tyrrell Smart Home and Niagara in the Cloud

## Cloud based analytics

- Super Low Cost
- Rapid Installation
- Centralised Niagara based Management
- Historical data Storage
- Time Schedule Overlay
- Middleware integration



# Small System Solutions



# Introducing Feebee..





# Introducing Feebee...



Hello, I'm  
Feebee..  
Nice to meet  
you

# Feebee..the voice of Niagara



- Amazon Echo Service for Niagara
- Monitor or Control Any Connected Point
- Can be assigned to a room or location
- Licensed By Points - Unlimited Echo's
- Requires An Amazon Account and Internet
- Order today for delivery in December




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Live demo at [ebmshosting.com](https://ebmshosting.com)

# Amazon Echo Service Setup

 AlexaExtension      Alexa Extension

<input type="checkbox"/> <input checked="" type="radio"/> Update Echo With This Value	<input checked="" type="radio"/> true	▼					
<input type="checkbox"/> <input checked="" type="radio"/> Component Type	None	▼					
<input type="checkbox"/> <input checked="" type="radio"/> Update On Change Of Value	<input checked="" type="radio"/> true	▼					
<input type="checkbox"/> <input checked="" type="radio"/> Interval Based	<input type="radio"/> false	▼					
<input type="checkbox"/> <input checked="" type="radio"/> Update Interval	+000000h 05m 00s <input type="button" value="↑"/> <input type="button" value="↓"/>						
<input type="checkbox"/> <input checked="" type="radio"/> AlexaAction	Living Room	▼	Tv	▼	On	▼	1
<input type="checkbox"/> <input checked="" type="radio"/> AlexaAction1	Living Room	▼	Tv	▼	Off	▼	0

- Install the Service in Niagara
- Register your Amazon Account on our Cloud Server
- Extend your points

Into the detail at [ebmshosting.com](http://ebmshosting.com)



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