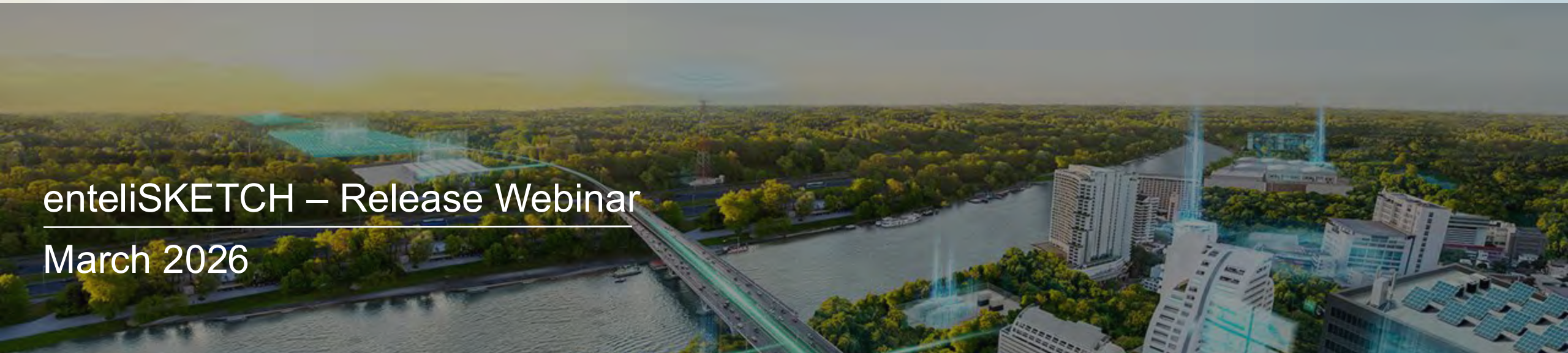




Delta Intelligent Building Technologies

enteliSKETCH – Release Webinar

March 2026



Agenda:

Introduction

Feature Overview

Training Course Overview

Roadmap

Q&A

enteli**SKETCH**

Design Simplicity for Complex Systems

Delta Controls Next Generation Graphics Editor and Viewer

Key Highlights:

Templates

Many default layout, equipment, and data control templates

Backwards Compatibility

enteliVIZ graphics can be viewed and edited.

See enteliSKETCH Product Page for current support levels

Easy Deployment

Editor available automatically with enteliWEB 4.32+ on upgrade

Runs in parallel with enteliVIZ

Self Paced Training Available

Available at training.deltacontrols.com

Embedded Graphics

Deploy graphics to be viewed in V4 Controllers (Available H2 2026)



enteli**SKETCH**

Now & The Future

NOW

Lessen the learning curve to create graphics.

enteli**SKETCH** Designer

H2 2026

Embedded Graphics



Local viewing and overrides

Future

Tagging & Automation



enteli**SKETCH**

Gives you a head start

Tools Available:

Template Projects

Pick from a variety of pre-defined navigation schemes

Palette Categories

Pick from a variety of 2D or 3D Equipment Images and data controls

Mass Editing

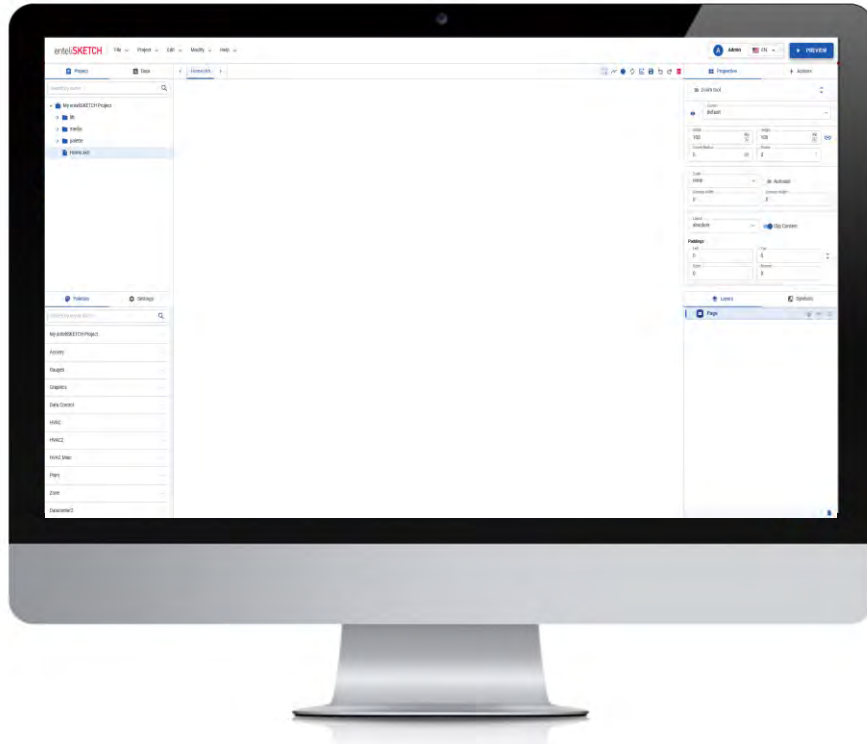
Global Search & Replace and Data Link Lists

Device & Object Filtering

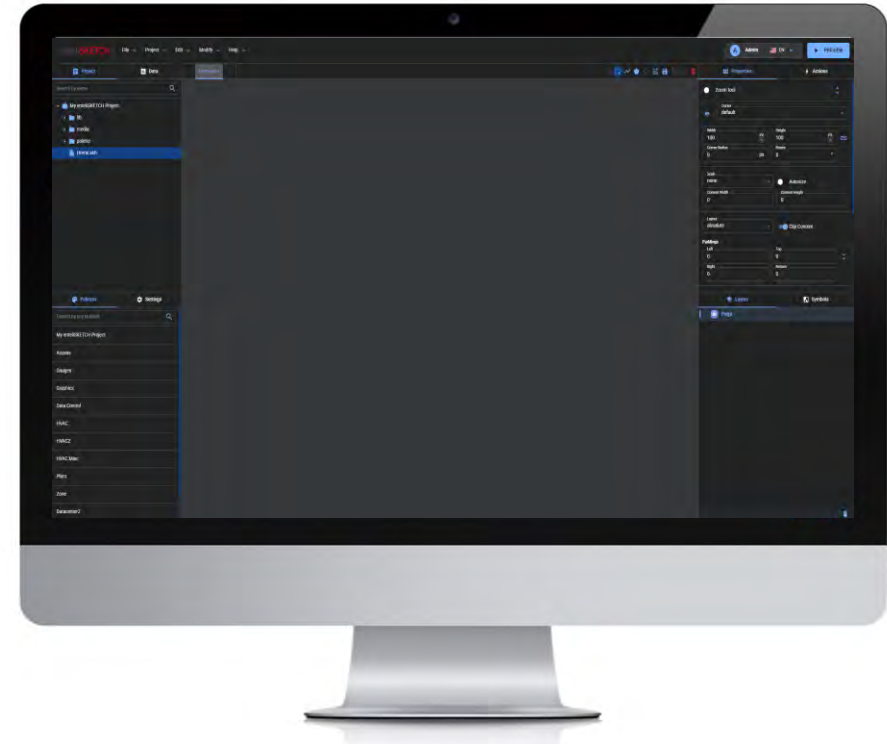
Interact with data from multiple devices in one place



Editor Theme Options:



Light Mode



Dark Mode

Project Templates:



Project Templates
(Side, Top, Bottom navigation etc.)



Graphics Generator
(Formerly known as the EWM)

- Network
 - Delta Demo
 - enteliSKETCH Training
 - Meters

Advanced Search


Palettes Settings


Search by key or label

- Zach New Project
- AHU
- Access
- AHU 2D
- Data Control
- Datacenter2
- HVAC
- Graphics
- Plant
- HVAC Misc
- Zone

Create a New Project

Chose your Design Path:

 **Select a Template**
Select a default template from our library or design your own layout.

 **Graphics Generator**
Use spreadsheets to generate graphical elements.

CANCEL SELECT

Zoom tool

default

Width: 100px Height: 100px

Corner Radius: 0px Rotate: 0

Scale: none Autosize

Content Width: 0 Content Height: 0

Layout: absolute Clip Content

Padding

Left: 0 Top: 0

Right: 0 Bottom: 0

Layers Symbols

Page

Graphics Generator

Populate Graphical Elements using Spreadsheets

Auto Generate Summaries, Navigation, and more

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	address	room	level	en	equipmer	equipmer	equipmer	engType	sys	folder	pageInclu	HAL	RM_T	RM_T_SP
2	20101	101	1	Office 1	VAV	VAV1-1	VAV_RH		AHU-1	room	HVAC	A11	AV6	
3	20102	102	1	Office 2	VAV	VAV1-2	VAV_RH		AHU-1	room	HVAC	A11	AV6	
4	20103	103	1	Office 3	VAV	VAV1-3	VAV_RH		AHU-1	room	HVAC	A11	AV6	
5	20104	104	1	Office 4	VAV	VAV1-4	VAV_RH		AHU-1	room	HVAC	A11	AV6	
6	20105	105	1	Office 5	VAV	VAV1-5	VAV_RH		AHU-1	room	HVAC	A11	AV6	
7	20106	106	1	Office 6	VAV	VAV1-6	VAV_RH		AHU-1	room	HVAC	A11	AV6	
8	20107	107	1	Office 7	VAV	VAV1-7	VAV_RH		AHU-1	room	HVAC	A11	AV6	
9	20108	108	1	Office 8	VAV	VAV1-8	VAV_RH		AHU-1	room	HVAC	A11	AV6	
10	20109	109	1	Meeting R	VAV	VAV1-9	VAV_RH		AHU-1	room	HVAC	A11	AV6	
11	20110	110a	1	Reception	VAV	VAV1-10	VAV_RH		AHU-1	room	HVAC	A11	AV6	
12	20110	110	1	Cafeteria	VAV	VAV1-10	VAV_RH		AHU-1	room	HVAC	A11	AV6	
13	20111	111	1	Kitchen	VAV	VAV1-11	VAV_RH		AHU-1	room	HVAC	A11	AV6	
14	20112	112	1	Recreation	VAV	VAV1-12	VAV_RH		AHU-1	room	HVAC	A11	AV6	
15	20113	113	1	Office 9	VAV	VAV1-13	VAV_RH		AHU-1	room	HVAC	A11	AV6	
16	20114	114	1	Office 10	VAV	VAV1-14	VAV_RH		AHU-1	room	HVAC	A11	AV6	
17	20115	115	1	Copy Room	VAV	VAV1-15	VAV_RH		AHU-1	room	HVAC	A11	AV6	
18	20116	116	1	Training R	VAV	VAV1-16	VAV_RH		AHU-1	room	HVAC	A11	AV6	
19	20117	117	1	Manufact	VAV	VAV1-17	VAV_RH		AHU-1	room	HVAC	A11	AV6	
20	20118	118	1	Men's Bat	VAV	VAV1-18	VAV_RH		AHU-1	room	HVAC	A11	AV6	
21	20119	119	1	Women's	VAV	VAV1-19	VAV_RH		AHU-1	room	HVAC	A11	AV6	

My Site Vancouver | Room Summary

Room: 101 | Office 1

Equipment: VAV1-1

Supply Temperature: 50.0 °F
 Setpoint: 65.0 °F
 Differential Pressure: -31.0 Pa

Damper Position: 100.0 %

Air Flow Current: 0.0 L/s
 Setpoint: 70.0 L/s

Heating Coil Heating Coil: 100.0 %
 Supplied by: AHU-1

Room	Level	System	Type	Equipment	Temperature	Setpoint	ΔT
101	1	AHU-1	VAV	VAV1-1	50.0 °F	65.0 °F	-15.0 °F
102	1	AHU-1	VAV	VAV1-2	69.2 °F	65.0 °F	4.2 °F
103	1	AHU-1	VAV	VAV1-3	71.1 °F	65.0 °F	6.1 °F
104	1	AHU-1	VAV	VAV1-4	68.2 °F	65.0 °F	3.2 °F
105	1	AHU-1	VAV	VAV1-5	67.8 °F	65.0 °F	2.8 °F
106	1	AHU-1	VAV	VAV1-6	68.0 °F	65.0 °F	3.0 °F
107	1	AHU-1	VAV	VAV1-7	66.5 °F	65.0 °F	1.5 °F
108	1	AHU-1	VAV	VAV1-8	65.0 °F	65.0 °F	0.0 °F
109	1	AHU-1	VAV	VAV1-9	56.0 °F	65.0 °F	-9.0 °F
110	1	AHU-1	VAV	VAV1-10	50.0 °F	65.0 °F	-15.0 °F

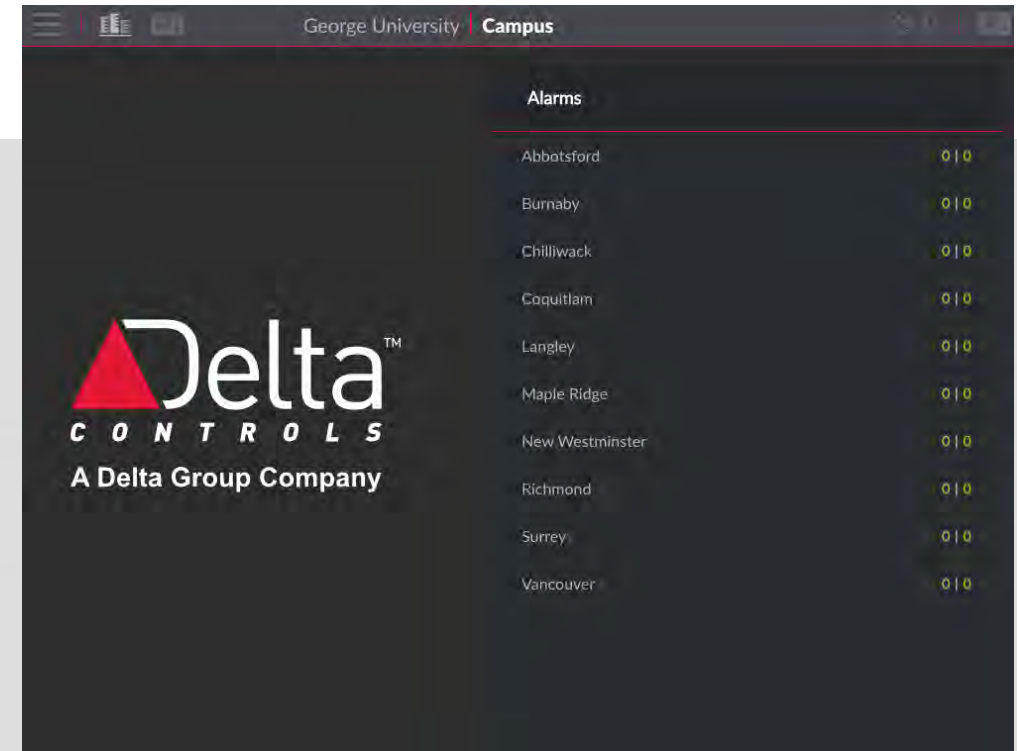
Page 1 out of 6 Rooms per Page 50 100

Graphics Generator

Populate Graphical Elements using Spreadsheets

Auto Generate Summaries, Navigation, and more

en	projCSV	roomCSV	siteInformationList	city
George University	Campus			Surrey
Abbotsford	Abbotsford	RCAbbotsbord	100/10000	Abbotsford
Burnaby	Burnaby	RCBurnaby	100/10000	Burnaby
Chilliwack	Chilliwack	RCChilliwack	100/10000	Chilliwack
Coquitlam	Coquitlam	RCCoquitlam	100/10000	Coquitlam
Langley	Langley	RCLangley	100/10000	Langley
Maple Ridge	MapleRidge	RCMapleRidge	100/10000	Maple Ridge
New Westminster	NewWest	RCNewWest	100/10000	New Westminster
Richmond	Richmond	RCRichmond	100/10000	Richmond
Surrey	Surrey	RCSurrey	100/10000	Surrey
Vancouver	Vancouver	RCSurrey	100/10000	Vancouver

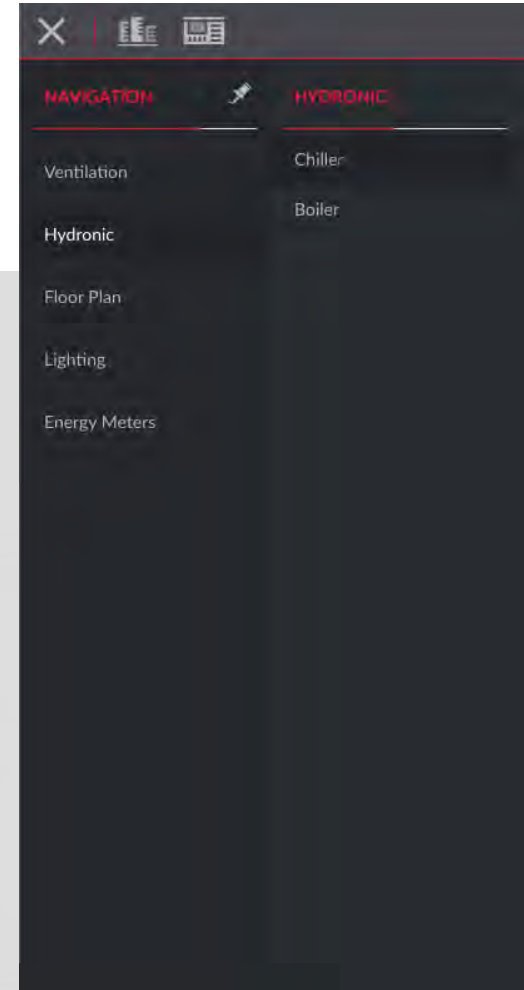


Graphics Generator

Populate Graphical Elements using Spreadsheets

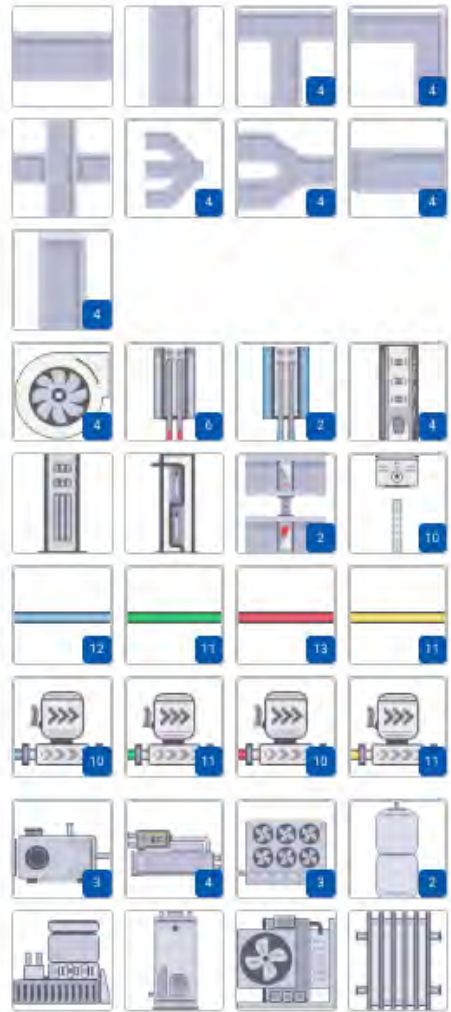
Auto Generate Summaries, Navigation, and more

menu	pageAlias	en	buttonSuffix	folder	pageInclude	zoomEnable	address
HOME	Main	Home		home	homePage		
VENT	VENT	Ventilation					
VENT	VENT	VENTILATION					
VENT	AHU01	AHU-1		ventilation	AHU1a		20100
VENT	MAU01	MAU-1		ventilation	MAU-1		20400
HYD	HYD	Hydronic					
HYD	HYD	HYDRONIC					
HYD	Chiller	Chiller		hydronics	Chiller1a		20300
HYD	Boiler	Boiler		hydronics	Boilers1a		20200
HVAC	PLAN	Floor Plan					
HVAC	PLAN	FLOOR PLAN					
HVAC	First Floor	First Floor		floorplans	Floor1		
HVAC	Second Floor	Second Floor		floorplans	Floor2		
HVAC	PLAN	ROOM CONTROL					
HVAC	Room Summ	Room Summary		roomControl	roomControlTable		
LIGHT	PLAN	Lighting					
LIGHT	PLAN	FLOOR PLAN					
LIGHT	First Floor Lig	First Floor		floorplans	Floor1		
LIGHT	Second Floor	Second Floor		floorplans	Floor2		
LIGHT	PLAN	ROOM CONTROL					
LIGHT	Room Summ	Room Summary		roomControl	roomControlTable		
METERS	METERS	Energy Meters					
METERS	METERS	ENERGY METERS					
METERS	M_Water	Water		meters	MetersWater		
METERS	M_Electric	Electric		meters	MetersElectric		
METERS	M_Gas	Gas		meters	MetersGas		
METERS	M_Solar	Solar Plant		meters	MetersSolarPlant		
METERS	M_Thermal	Thermal		meters	MetersThermal		

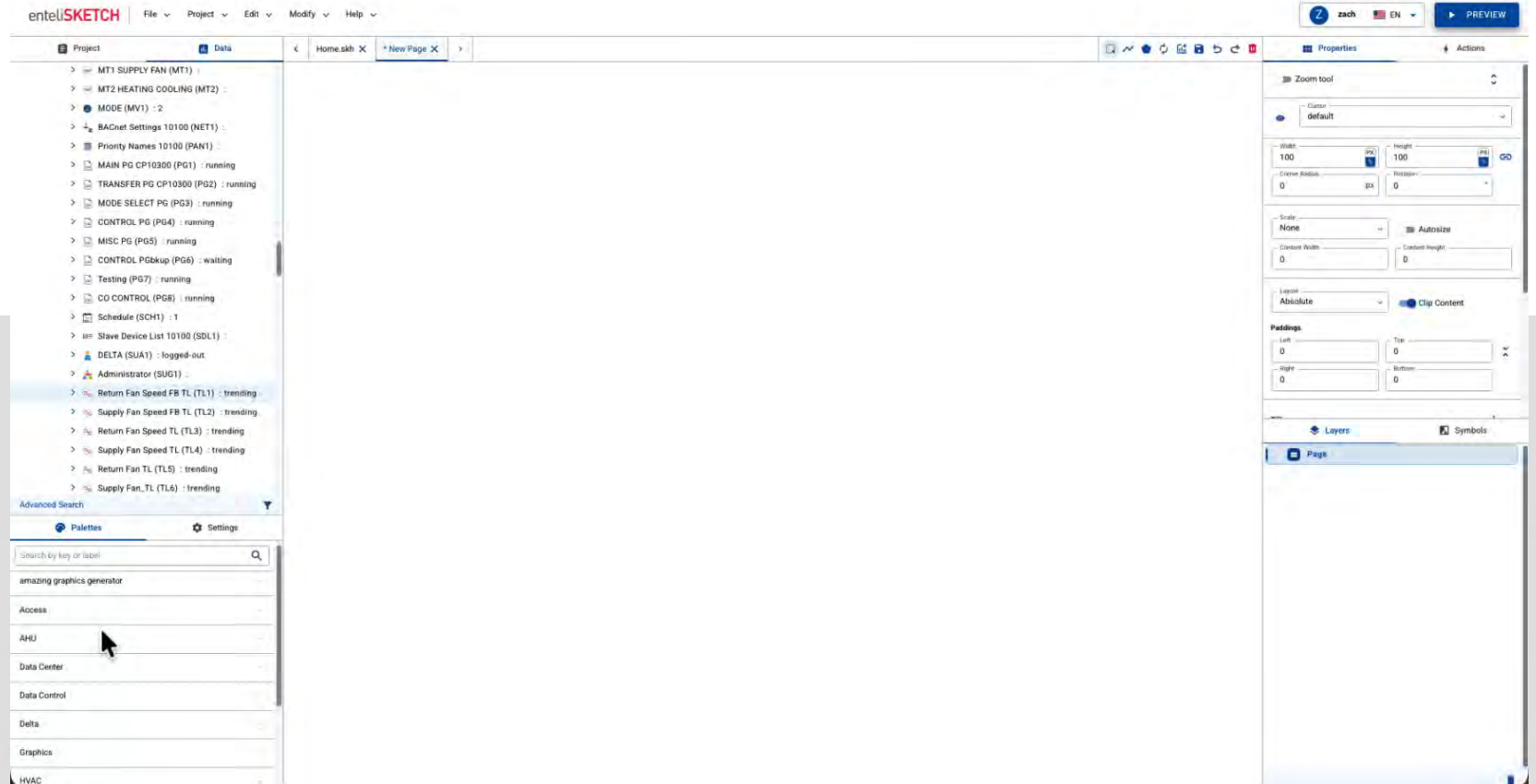


New Palette Categories – HVAC 2D

HVAC 2D



New Palette Categories – Data Control



New Palette Categories – Delta

Delta

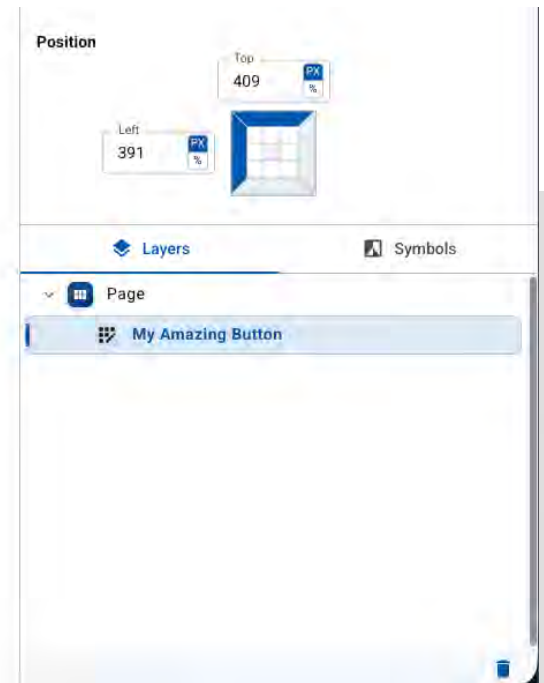
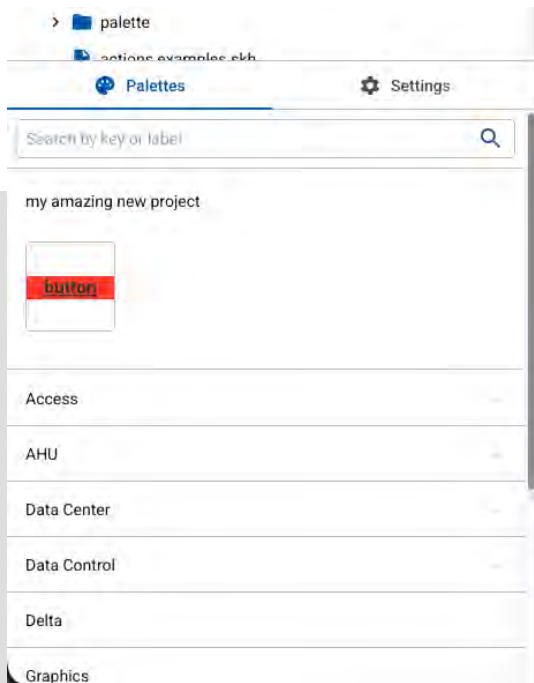


enteliWEB®

enteliCLOUD®

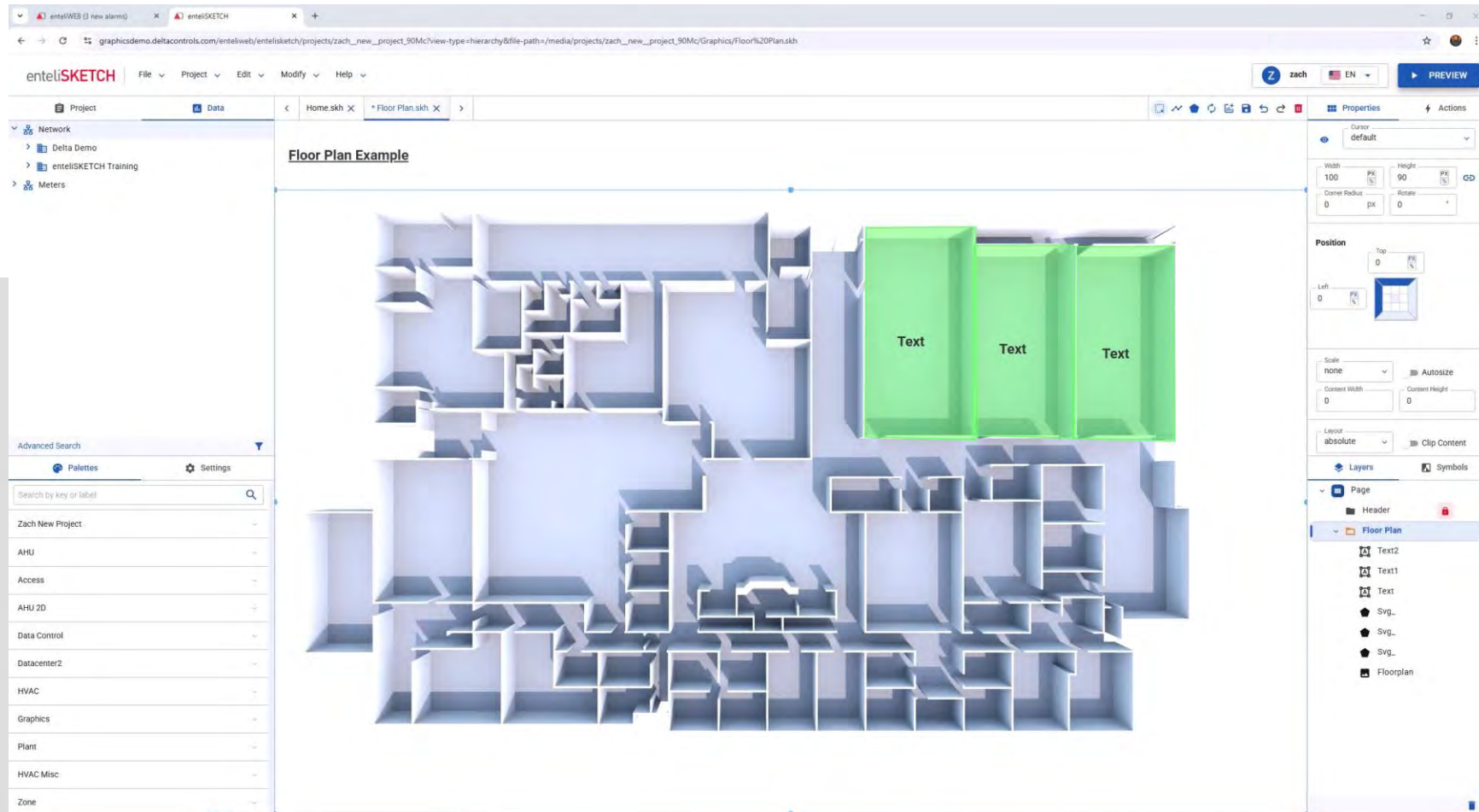

Delta™
CONTROLS
A Brand of Delta

Or create your own palette category!



Data Filtering

Interact with data from multiple devices in one place



Global Data Link List

Verify all links are correct + export report for customer

The screenshot shows the 'Data Links List' application window. On the left is a file tree under 'Zach New Project' with a search filter 'Files name...'. The 'Graphics' folder is expanded, showing files like 'Floor Plan.s...', 'Graphic 3.skh', 'Graphic 4.skh', 'Graphic 5.skh', 'Home_Fram...', 'media', 'palette', '_proj.json', 'Home.skh', and 'New Page.skh'. The 'Floor Plan.s...' file is selected. On the right, the 'Data Links List' table is displayed with a search filter 'Filter by layer name, property, link or action'. The table contains three rows of data links.

Page	Layer Name	Property	Link	Action
/Graphics/Floo...	Text	bind!text	/Network/Delta Demo/10104/AI1001	Data Link
/Graphics/Floo...	Text1	bind!text	/Network/Delta Demo/10106/AI1001	Data Link
/Graphics/Floo...	Text2	bind!text	/Network/Delta Demo/10105/AI1001	Data Link

At the bottom of the window, it shows 'Results found: 3', an 'EXPORT' button, 'Rows per page: 10', and '1-3 of 3' with navigation arrows.

Find & Replace

Change Site Name or device reference on one graphic or the entire project

The screenshot shows a software interface for finding and replacing data links. On the left, a file tree under 'Zach New Project' has 'Floor Plan.skh' selected. The main area shows search criteria: 'Find links*' set to 'Delta Demo', with 'Match case' and 'Whole word only' options. A 'FIND' button indicates '3 Results found'. Below, a 'Replace with*' field contains 'George University' and a 'REPLACE' button is visible. On the right, a preview window for 'Graphics/Floor Plan.skh' shows three instances of 'Delta Demo' in orange, each with a checkbox to the left.

Data Links List

Filter files
Files name...

▼ Zach New Project

▼ Graphics

 Floor Plan.skh

 Graphic 3.skh

 Graphic 4.skh

 Graphic 5.skh

 Home_Fram...

> media

> palette

 _proj.json

 Home.skh

 New Page.skh

Data Links List

Find and Replace

Find links*
Delta Demo

Match case

Whole word only

FIND 3 Results found

Replace with*
George University

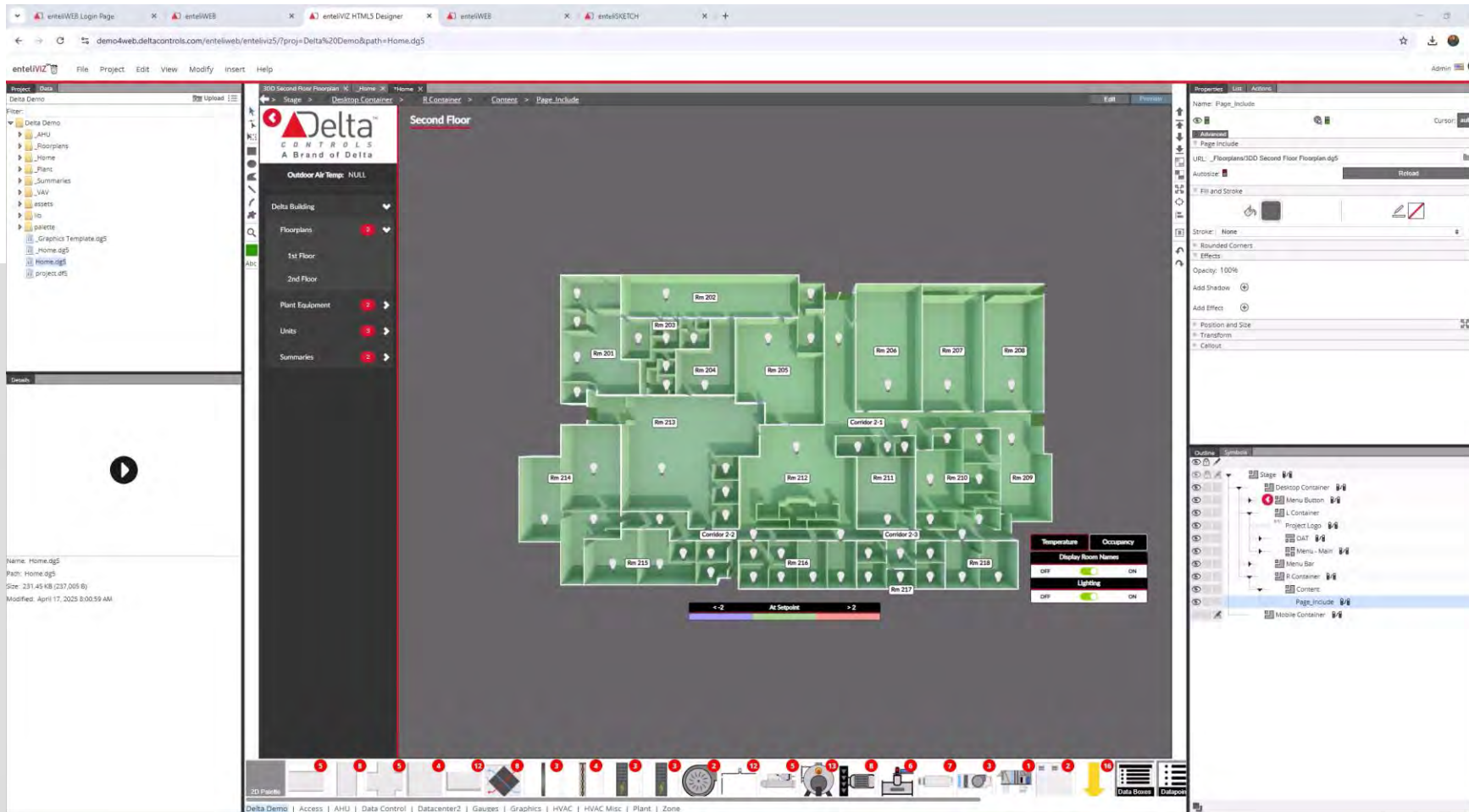
REPLACE

Graphics/Floor Plan.skh (0 of 3 selected) ^

- /Network/ **Delta Demo** /10104/AI1001
Group1/Text/bind/text
- /Network/ **Delta Demo** /10106/AI1001
Group1/Text1/bind/text
- /Network/ **Delta Demo** /10105/AI1001
Group1/Text2/bind/text

Backwards Compatibility

Upload enteliVIZ projects into enteliSKETCH for viewing and editing to re-use symbols already made



enteliSKETCH Foundations

Course

Settings

Participants

Grades

Reports

More ▾

▼ Synopsis

Collapse all

enteliSKETCH is a graphics tool for creating interactive graphical representations of building management systems.

Key features:

- **Template Projects**
 - Pick from a variety of predefined navigation schemes
- **Palette Categories**
 - Pick from a variety of 2D or 3D Equipment Images and data controls
- **Mass Editing**
 - Global Search & Replace and Data Link Lists
- **Device & Object Filtering**
 - Interact with data from multiple devices in one place

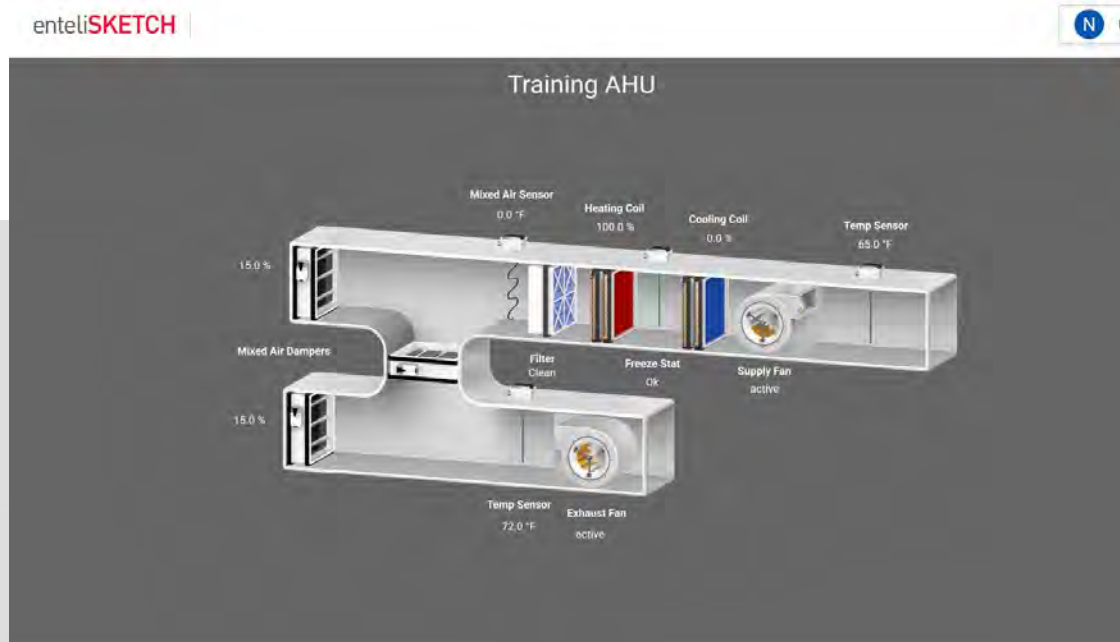
This course introduces **enteliSKETCH**, the graphics development environment used within **enteliWEB** to create interactive building automation graphics. Students will learn how graphics are used to visualize building systems, display live data, and allow operators to interact with equipment through intuitive graphical interfaces.

The course begins with the fundamentals of graphics development, including **data binding, layouts, equipment graphics, and data templating (relativization)**. These topics establish the core skills needed to build clear, reusable graphics that display real-time building system information.

The course then expands into developer-focused topics such as **actions, data actions, symbols, and palette categories**, which enable graphics to become interactive, scalable, and reusable across multiple systems and projects.

By the end of the course, students will understand how to design and build **effective, reusable, and interactive building graphics** that help operators monitor and control building systems efficiently.

Embedded Graphics (Coming Soon)



- **What it enables:**

- Local, serverless visualization of equipment
- Real-time data, commands, and overrides
- Access via any browser or mobile device

- **Why this matters:**

- Reduces commissioning time
- Supports small sites and OEM deployments
- Provides controller-level autonomy

Embedded Graphics (Coming soon)

Configuration:



1. Create graphics in enteliSKETCH
2. Save graphics to FIL object in database of any IP Based V4 Controller
3. Enable 'Graphics' feature on controller which prompts new user creation including read/write permissions

Operations:

1. Logon to controller via IP address or hostname using graphics username/password
2. View & override data points on local and remote data points.
3. Overrides will be logged and available in firmware log and enteliWEB connected to device (if available)



enteli**SKETCH** Roadmap

Feature	Date	Details	Status
enteliSKETCH Beta	October 2025	Beta quality for feedback and run time	
enteliSKETCH Release	March 2026	Release quality product with new palette categories and template available in enteliWEB 4.32	
Embedded Graphics	Summer 2026	View Graphics in Controllers	In Development
enteliSKETCH in Canvas	Q3 2026	Create Graphics in Building Canvas UX	In Development
Tagging Integration with Canvas	Future	Integrate graphics creation with the virtual device creation	Planning





Q & A

