



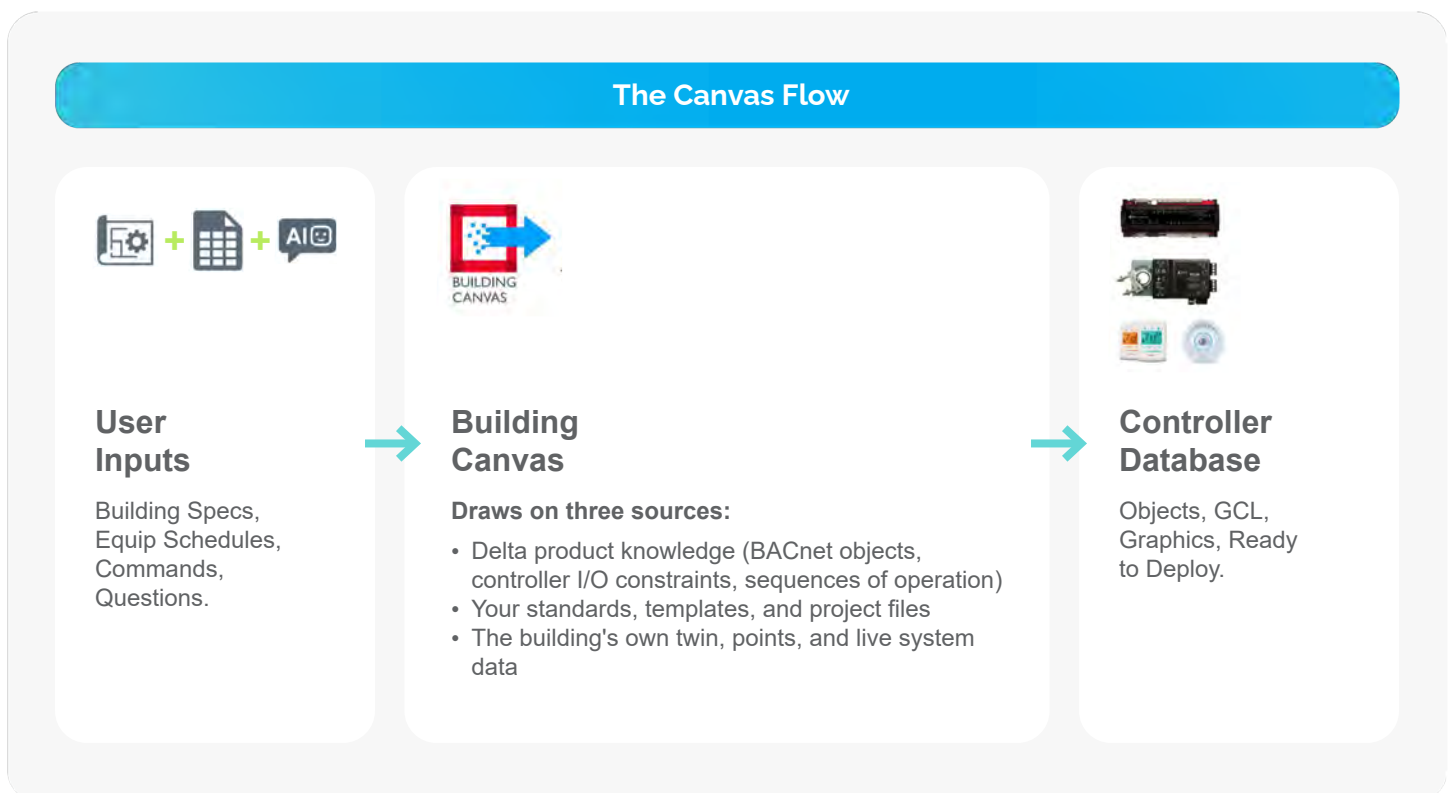
Make Every Engineering Hour Go Further.

Keep the Ceiling. Raise the floor.

AI-assisted engineering that helps Delta Partners program faster,
reduce rework, and overcome the skilled workforce gap.

Engineering Built Around the Way Integrators Actually Work

Building Canvas is Delta IBT's unified, AI-powered platform for engineering intelligent building systems — virtual controllers, programming, graphics, AI assistance, and project organization in one cloud workspace.



Your Growth Shouldn't Be Limited by Engineering Capacity

Today

Field-crafted automation

Success depends on tribal knowledge, custom workarounds, and senior-technician heroics.

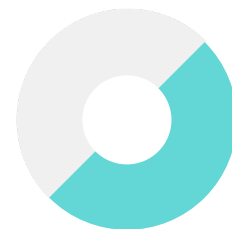
With Canvas

AI-driven delivery

A repeatable workflow that guides design, configuration, validation, commissioning, and handover.

Six pressures

- 01 Skilled labor pool shrinking and retiring
- 02 New engineers take too long to become productive
- 03 Fragmented tools
- 04 Manual data re-entry between stages
- 05 Late discovery of errors
- 06 No persistent system model



Save
engineering
time

Turn engineering efficiency into project capacity.

Canvas reduces repetitive engineering work so your existing team delivers more without adding headcount at the same rate.

Two Foundations: Canvas AI & Digital Twins

Canvas Digital Twins

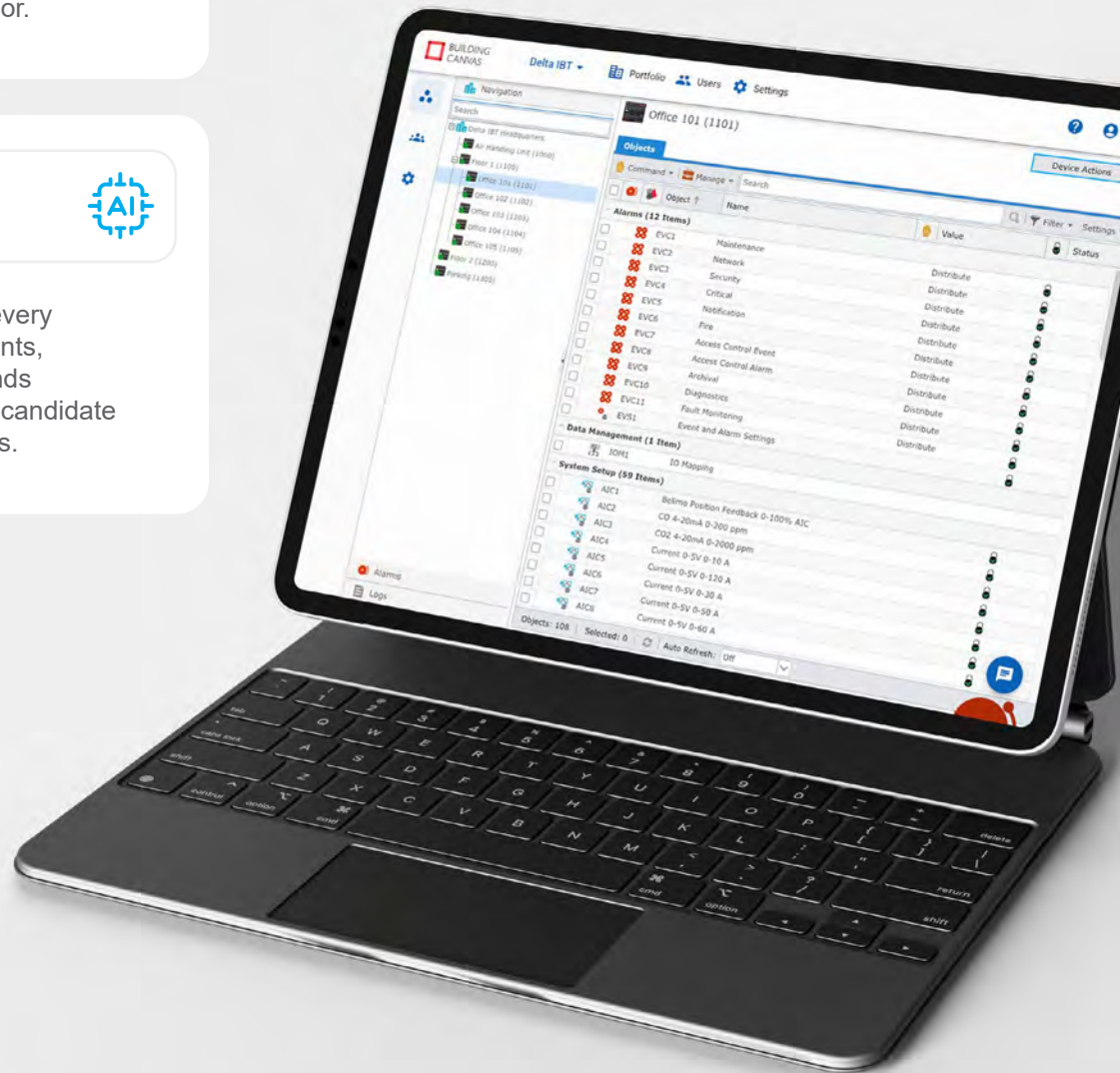


A living semantic model of buildings, systems, equipment, and controllers. A single source of truth drawn from drawings, specs, programming, and telemetry — representing equipment, I/O, networks, graphics, and real-time behavior.

Canvas AI



The central engine powering every workflow. Interprets requirements, applies Delta rules, recommends supported devices, generates candidate logic, and populates databases.



Engineer the Whole Building Before It Reaches the Field

Capability	What it Does	Partner Value
Portfolios & Buildings	Organize around customers and actual buildings, not network segments.	<i>Clearer project structure</i>
Unlimited Virtual Devices	Hundreds or thousands of virtual controllers in one building.	<i>Full-building simulation</i>
Automatic Startup	Navigate to a device; Canvas starts it in seconds.	<i>No manual site startup</i>
AI Device Creation	Describe the system in natural language; Canvas creates devices, objects, and I/O.	<i>Faster engineering start</i>
Duplicate Complete Devices	Copy one configured controller to many, database included.	<i>Repeatability, fewer errors</i>
Programming & Graphics	GCL programming and enteliSKETCH creation and test in one workspace.	<i>Less tool switching</i>
Database Export	Export completed databases in one step.	<i>Faster handoff to the field</i>

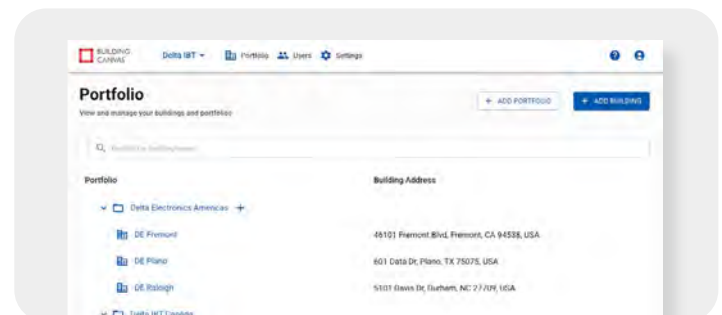
Project Structure

Organization

↳ Portfolio

↳ **Building = a 'Site' in eWeb**

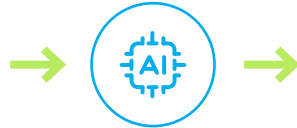
↳ Devices + Graphics + Model



AI Accelerates the Engineer. It Does Not Replace the Engineer.

Natural Language in, Structure Engineering Out

AI Prompt: Design an air handling unit (AHU) with 5 variable air volume (VAV) zones for a medium sized office building in California. Ensure the design complies with Title 24, part 6 energy efficiency standards



Devices Models + Firmware

Objects & I/O Points + Naming

Candidate Logic Engineer Review

Database Ready to Test

One Connected Delivery Flow

01

Describe the Project

Specs, equipment schedules, natural-language requirements.

02

Build Project Context

Partner standards, project data, Delta product knowledge, the living building model.

03

Generate Engineering

Support devices, objects and I/O, candidate logic, populated databases.

04

Review and Pretest

Edit programming, build graphics, simulate, validate before the field.

05

Deliver

Export completed databases into your existing deployment workflow.

The field should confirm the engineering — not finish it.

Guardrails and What the AI Actually Touches

Guardrails

Canvas AI Can

- Interpret user inputs
- Generate candidate logic
- Apply Delta rules
- Populate databases.

Canvas AI Cannot

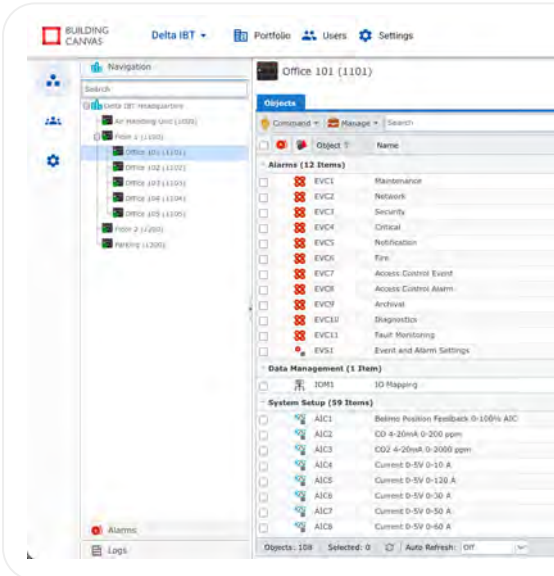
- Violate controller constraints
- Initial system types
- Invent unsupported equipment
- Bypass engineer review

Current Scope

- Supported controllers
- Known edge cases

What the AI Actually Touches

Feature	Platform	AI-Assisted
Create organization	●	
Create portfolios and buildings	●	
Create virtual controller	●	●
Create objects and I/O	●	●
Edit existing devices	●	
Program (GCL)	●	
Export device databases	●	
enteliSKETCH graphics	●	



Two of eight. Everything else is the engineer, working in the platform.

Don't Lower the Ceiling. Raise the Floor.

Natural-language assistance helps newer team members contribute sooner while experienced engineers keep full control.

For Newer Team Members

Bring the floor up.

Guided, repeatable workflows.

Learn Delta applications while doing the work.

Contribute to active projects sooner.

Less dependence on memorized configuration steps.

For Experienced Engineers

Keep the ceiling high.

Review and approve every AI-generated result.

Full manual GCL programming retained.

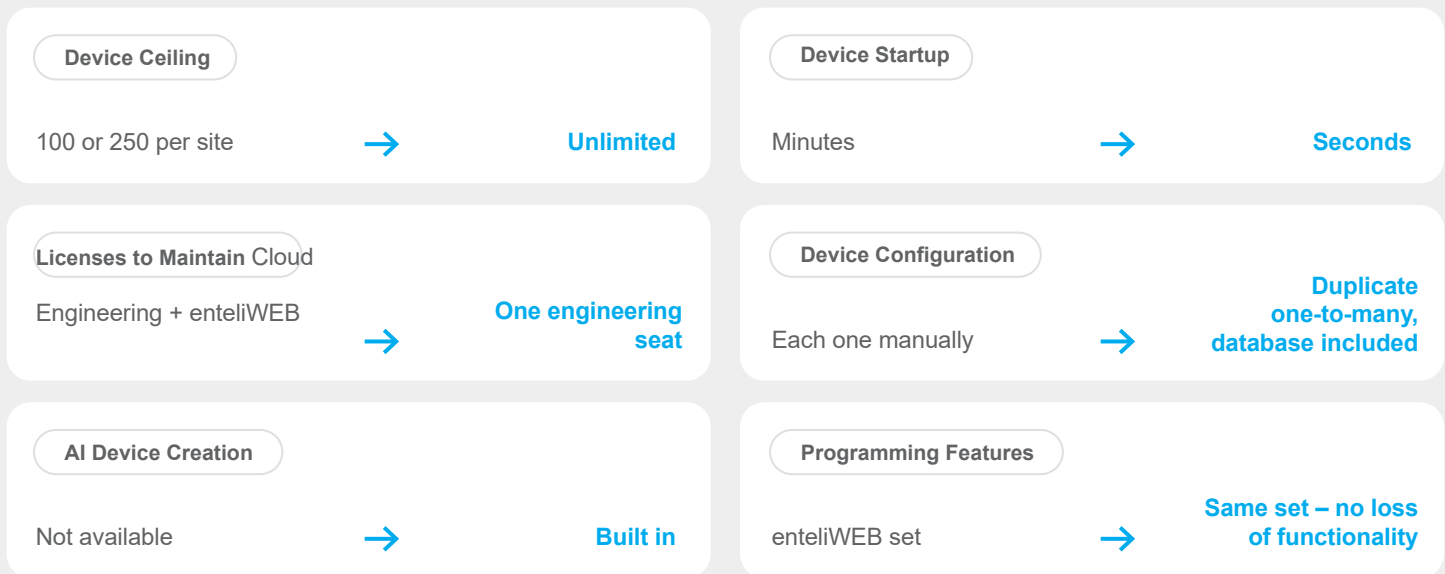
Less time on routine configuration.

Focus on architecture, sequences, and exceptions.

Canvas does not lower the ceiling for experienced engineers.
It raises the floor for the rest of the team.

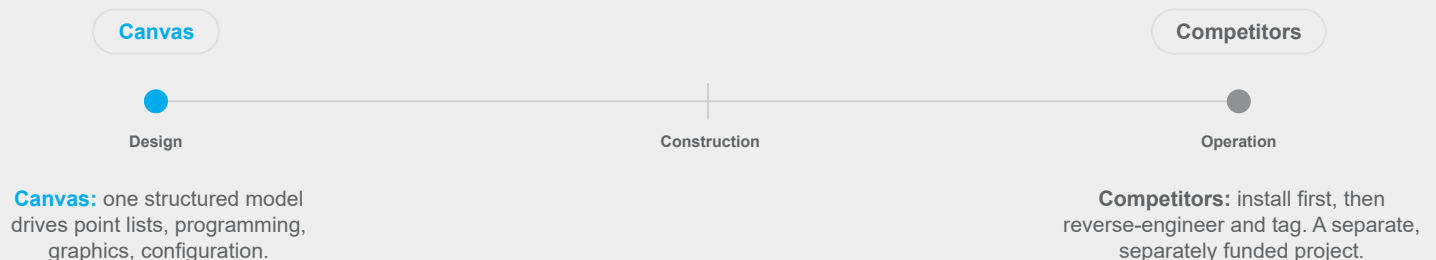
What Changes, and Why It's Different.

Cloud Engineering



The 100 or 250 cap forces engineers to split a project across multiple disconnected networks, which causes tracking errors and leaves systems incompletely tested.

Where the Model Gets Built



Competitors modeled too late. Canvas builds the model where the leverage is highest — during design.

Licensing moves to engineering seats. Project structure moves from network-centric sites to organizations, portfolios and buildings.

Grow the Business, Not Just the Margin.

Efficiency is what Canvas delivers. Growth is what efficiency makes possible. Canvas is the common delivery method across the full Delta Intelligent Building Technologies portfolio. A Delta Controls integrator becomes a full DIBT integrator with minimal ramp-up — because the workflow, the model, and the platform are shared.

Five Brands, One Delivery Method

 Delta CONTROLS A Brand of Delta	Delta Controls	Building management and energy
 LOYTEC A Delta Group Company	LOYTEC	Building automation integration
 amerlux	Amerlux	Architectural and performance LED lighting
 MARCH networks	March Networks	Security and video analytics
 VIVOTEK A Delta Group Company	VIVOTEK	Cameras and intelligent monitoring



One delivery method, not four product lines

Your team learns a workflow,
not a catalogue.



New scope on existing accounts

Extend into lighting, security,
and video without becoming
a different company.



Fewer vendors for your customer

One accountable delivery
partner across systems that
finally cooperate.

Anyone can install. Few can integrate.

Canvas Today. A Clear Path Forward.

☒ Available Now ☐ Next Roadmap

Engineer AI-driven controller database generation	Graphics Automated graphics generation
Deploy Automated controller provisioning	AI Chat / CoPilot GCL and Python generation and troubleshooting
Estimate AI-based BAS estimating engine	Design Intelligent BAS design environment
Refine Automated startup and verification	Operate Unified real-time operations environment
Optimize Autonomous building optimization engine	Life-Cycle Long-term asset and maintenance layer

Available in Canvas Today

- | | |
|---|-----------------------------------|
| ✓ Organizations, portfolios and buildings. | ✓ enteliSKETCH creation and test. |
| ✓ Create, edit and duplicate virtual controllers. | ✓ Full-building simulation. |
| ✓ Objects and I/O including AI-assisted creation. | ✓ Database export. |
| ✓ GCL programming. | ✓ Licensing by engineering seat. |

Saving Engineering Time Creates Capacity. Capacity Creates Growth.



More Capacity

Deliver more projects without adding engineers at the same rate.



Stronger Margins

Less manual effort, rework, and costly field callbacks.



Faster Onboarding

New engineers and technicians contribute sooner.



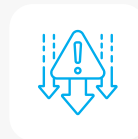
Better Talent Leverage

Reserve senior engineers for the work that needs them.



Greater Consistency

Standardized workflows, project structures, databases.



Lower Field Risk

Errors found before installation, shorter startup.

The Questions Your Engineers Will Ask

01

Is this just AI guessing? No free-form generation. Constrained by Delta rules. Engineer approval required.

02

Will it generate unsafe or invalid logic? Controller constraints enforced. BACnet rules enforced. Validation before deployment.

03

Do we lose control of programming? Engineers review everything. Manual edits always allowed. AI accelerates, it doesn't replace.

04

How is this different from analytics vendors? Built at design time. Persistent system model. Not post-install tagging.

05

Is this production-ready or a science project?
Release 1 has defined scope, clear limits, and incremental expansion.

06

Will this slow my team down initially? Parallel adoption. Pilot projects. No forced migration. Existing tools feed Canvas.

07

What if the AI is wrong?
Engineers approve outputs. Simulation catches errors. Responsibility stays human.

Start With a Project. Prove the Time. Scale the Workflow.

Building Canvas helps Delta Partners scale project delivery with AI-assisted engineering, connected virtual testing, and repeatable workflows. Adopt at your pace — use Canvas alongside existing tools, begin with pilot projects, and expand as capability and team confidence grow. No forced migration.

Get Started



Talk to your Delta Controls representative
about partner access and pilot opportunities.