

Main_Menu.gsf Thermostat.gsf

Thermostat.gsf

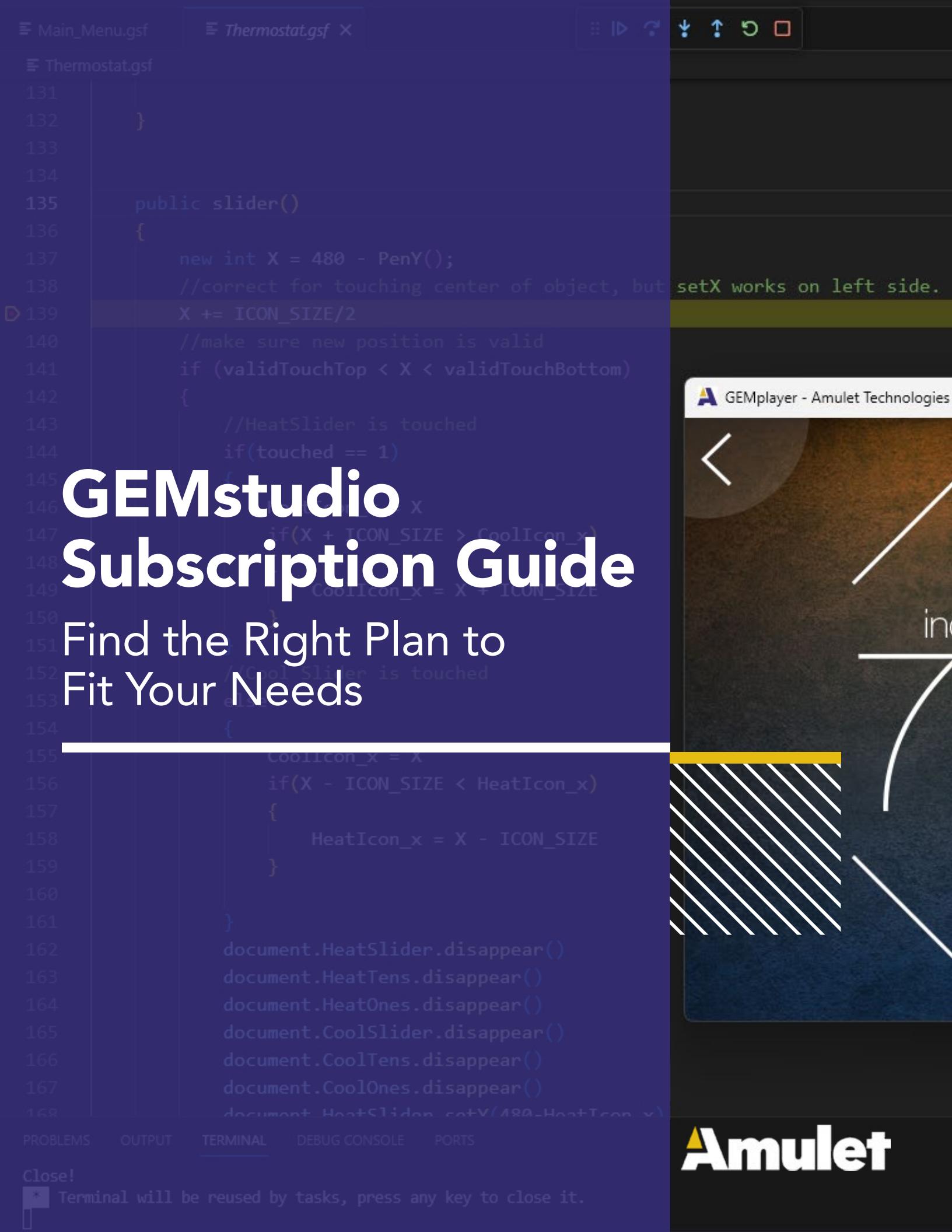
131
132 }
133
134
135 public slider()
136 {
137 new int X = 480 - PenY();
138 //correct for touching center of object, but
139 X += ICON_SIZE/2
140 //make sure new position is valid
141 if (validTouchTop < X < validTouchBottom)
142 {
143 //HeatSlider is touched
144 if(touched == 1)
145 {
146 CoolIcon_x = X
147 if(X + ICON_SIZE > CoolIcon_x)
148 CoolIcon_x = X + ICON_SIZE
149
150 }
151 //Cool Slider is touched
152 else
153 {
154 CoolIcon_x = X
155 if(X - ICON_SIZE < HeatIcon_x)
156 {
157 HeatIcon_x = X - ICON_SIZE
158 }
159 }
160 }
161 }
162 document.HeatSlider.disappear()
163 document.HeatTens.disappear()
164 document.HeatOnes.disappear()
165 document.CoolSlider.disappear()
166 document.CoolTens.disappear()
167 document.CoolOnes.disappear()
168 document.HeatSlider.setX(480-HeatIcon_x)
setX works on left side.

GEMstudio Subscription Guide

Find the Right Plan to Fit Your Needs

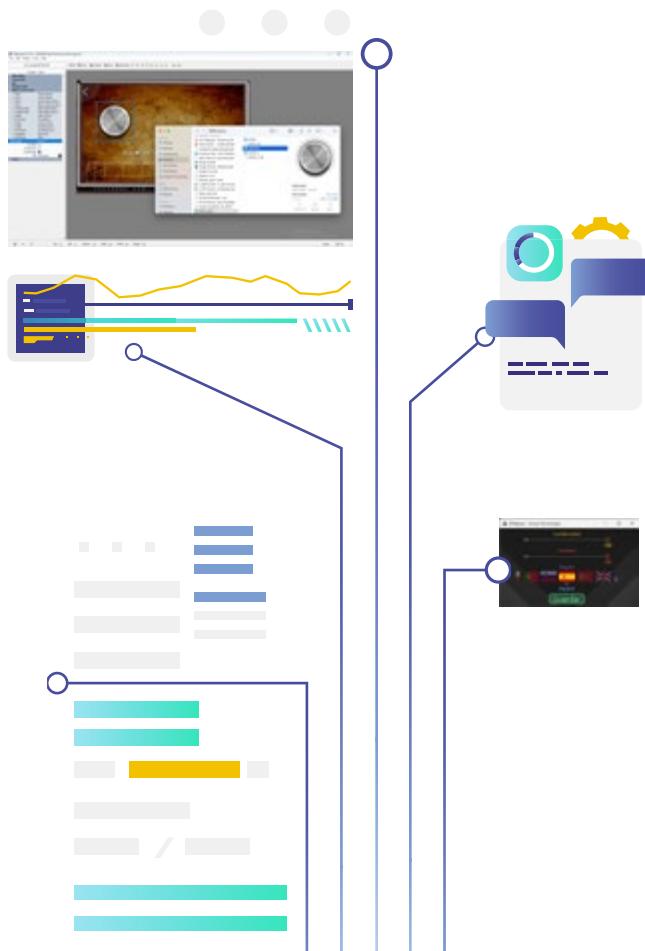
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

Close! * Terminal will be reused by tasks, press any key to close it.



The image shows a screenshot of the GEMstudio IDE. The main area displays a portion of the 'Thermostat.gsf' code, specifically the 'slider()' function. The code handles touch events for a slider, calculating new positions and updating icons. A note 'setX works on left side.' is visible in the code area. To the right of the code, a preview window shows a circular slider interface with a blue handle and numerical labels '100' and '200'. The preview is titled 'GEMplayer - Amulet Technologies'. At the bottom right, the Amulet logo is displayed.

In today's competitive market, user experience defines success. At Amulet Technologies, we developed **GEMstudio** to empower your organization to design graphical user interfaces (GUIs) that don't just function but engage and build trust with your user community.



What is GEMstudio?

GEMstudio is **the easiest, fastest, and most flexible GUI design platform for embedded systems**. Whether you're an experienced developer or new to GUI design, our platform enables you to create high-quality, smartphone-like GUIs that resonate with users.

It simplifies GUI development, reduces dependencies between teams, and accelerates timelines from months to days, ensuring your product development stays ahead of the competition.

GEMstudio Offers:

Rapid Prototyping: Quickly bring concepts to life, iterate, and adjust with ease.

Early UX Testing: Test usability from the start to identify and address potential issues early.

User Feedback Integration: Gather actionable insights before launch to deliver UIs that truly resonate with your users.

With GEMstudio, you're not just designing user interfaces—you're creating intuitive, responsive, and visually stunning user experiences that set your products and solutions apart in the market. Global companies benefit from GEMstudio today including Bosch, Stryker, Abbott Laboratories, and Rheem.



Subscription Tiers to Match Your Needs

At Amulet Technologies, we know every customer has unique needs when it comes to GUI design. That's why we offer three flexible subscription plans designed to help you achieve your goals—whether you're just starting or designing for multiple clients.



01

GEMstudio Designer

Perfect for: Creators, UX designers, and small teams who need a straightforward tool for designing visually appealing GUIs before target hardware is available. Perfect for prototyping and testing user interfaces.

\$500 per user per year

02

GEMstudio Pro

Perfect for: Developers building embedded products who need advanced tools for creating, testing, and refining user interfaces for standard Amulet Interactive displays.

\$1,200 per user per year

03

GEMstudio Pro+

Perfect for: Design houses working on complex projects for multiple customers or Amulet customers requiring custom designs. This plan offers unmatched scalability, powerful features, and priority support to handle demanding design requirements.

\$2,500 per user per year

What's Included with Each GEMstudio Subscription Plan?

GEMstudio Designer

Features and Benefits:

Visual Layout Canvas and Property Editor: Quickly create UIs with real-time feedback on results.

Zoomable Layout Canvas: Easily fine-tune visual details with zoom functionality.

Grid Alignment Tools: Save time by visually aligning UI elements.

Event Handler Wizard: Empower graphic professionals with no-code programming of UI interactions.

Interactive UI Simulator: Test your UI frequently and early without the physical product.

Pre-Built Customizable Widgets: Accelerate design with a library of working UI elements.

Layout Constraints: Ensure UI consistency across different screen sizes.

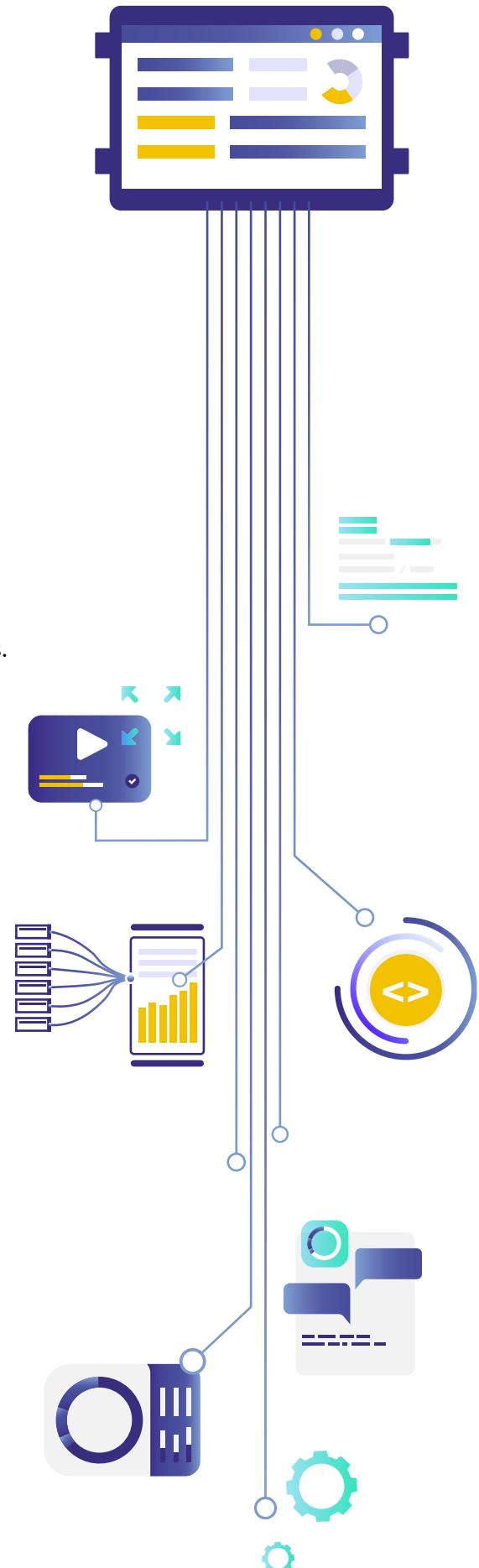
Layout Managers: Save time aligning groups of UI elements.

Styles: Change the look of the entire UI globally for rapid aesthetic updates.

Custom Bezel with Active Regions: Simulate the entire product before building it.

Widget Composer: Create reusable, interactive UI building blocks without code.

Subscription: \$500 per user per year



What's Included with Each GEMstudio Subscription Plan?

GEMstudio Pro

Features and Benefits:

All the Features of GEMstudio Designer, plus:

Multi-Language Support: Design in one language and run in many.

Custom Boot Logo: Brand your product with a custom bootup screen.

LCD Rotation: Flexible screen mounting options while maintaining proper UI orientation.

GEMscript IDE with Code Completion and Keyword

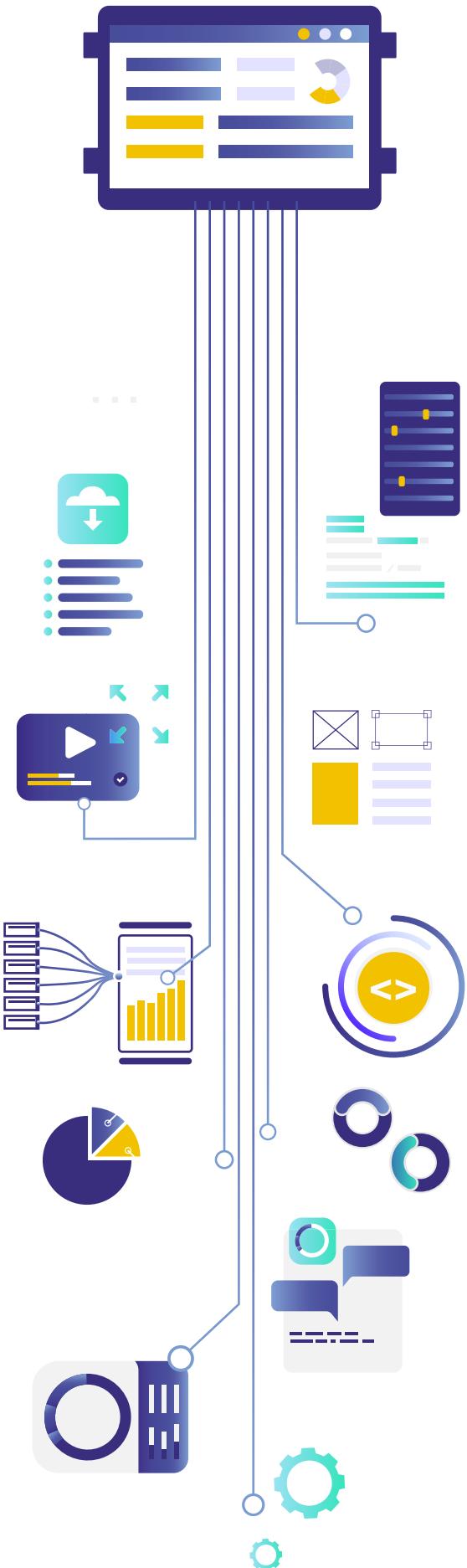
Highlighting: Boost productivity and reduce errors with low-code programming aids.

Build, Program, and Run on Standard Hardware: Deploy designs to standard Amulet Interactive displays for testing or production.

Run Native Code in User Thread: Multitask non-UI code concurrently with UI for increased performance.

Program via SD Card or USB MSD: Streamline deployment with cost-effective methods for faster assembly line throughput.

Subscription: \$1,200 per user per year



What's Included with Each GEMstudio Subscription Plan?

GEMstudio Pro+

Features and Benefits:

All the Features of GEMstudio Designer and Pro, plus:

Scriptable Event Handler (via GEMscript): Customize interactions to improve code development productivity.

GEMscript Source Level Symbolic Debugging (Simulator and Hardware): Analyze and monitor code quality with advanced tools on or off target hardware.

Build, Program, and Run on Custom Hardware: Create designs for non-standard capabilities and dimensions.

Asynchronous GEMscript Tasks: Multitask long-running processes without blocking other code for improved performance.

Integrated Native Code Building: Automate all processor native code build steps into a single platform to boost productivity.

Slave Processor In-Circuit Programming: Program other processors in your system for streamlined production and revision management.

External Programming via WiFi or Serial Port: Enable remote firmware updates and quick system programming for enclosed systems.

Custom Widget Creator: Create highly customized widgets tailored to client needs.

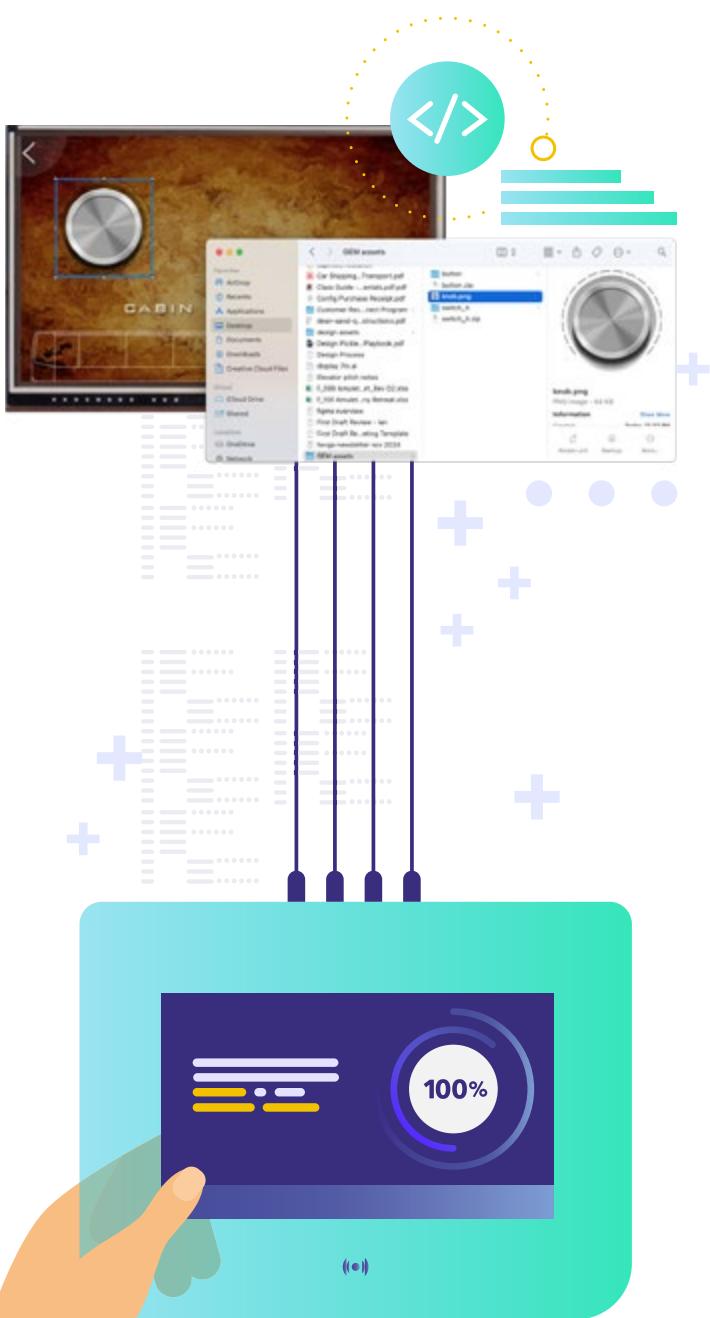
Subscription: \$2,500 per user per year



Next Steps

Amulet's GEMstudio platform simplifies GUI development, reduces dependencies, and accelerates the design process. Our platform ensures your products and solutions don't just meet industry standards—they set them.

Ready to **Transform Your Customer Experience** and Achieve Greater Success?



Take the first step toward simplifying your GUI development today. Let our responsive customer success team address your requirements!

Download Your [GEMstudio Overview Guide](#):

Discover how Amulet's solutions can transform your product and solution development process.

Engage with a Design Expert:

Talk to us about creating innovative, user-centered Interactive Digital Display Solutions tailored to your needs.

Get a Quote:

For inquiries about how Amulet Technologies can support your development needs, contact us at **(408) 374-4956** or [schedule a demo](#) today.