Simplicity Studio 5 Early Release

We are officially releasing Simplicity Studio 5 at Works With 2020, the defining virtual conference for smart home developers. However, we wanted to provide early access to you before the event. This was especially important for this release, which is largely based on feedback from you - our awesome customers.

Simplicity Studio 5 is a major upgrade to our popular IDE. Here are some of the reason's we are excited:

- Based on the latest versions of Eclipse and the C/C++ Development Tooling, adding robustness, improving performance, and giving you the ability to customize your experience using plug-ins from the Eclipse Marketplace.
- Enables SecureVault, a new suite of state-of-the-art security features designed to help future proof your IoT devices against escalating threats and regulatory pressures.
- Features a new UI engine for modern, responsive, web-like user interfaces.
- Designed with an optimized workflow that produces quicker project progression and device configuration

Is the Simplicity Studio Early Release Right for You?

Pick the right version to simplify development and speed time-to-market of your IoT applications.
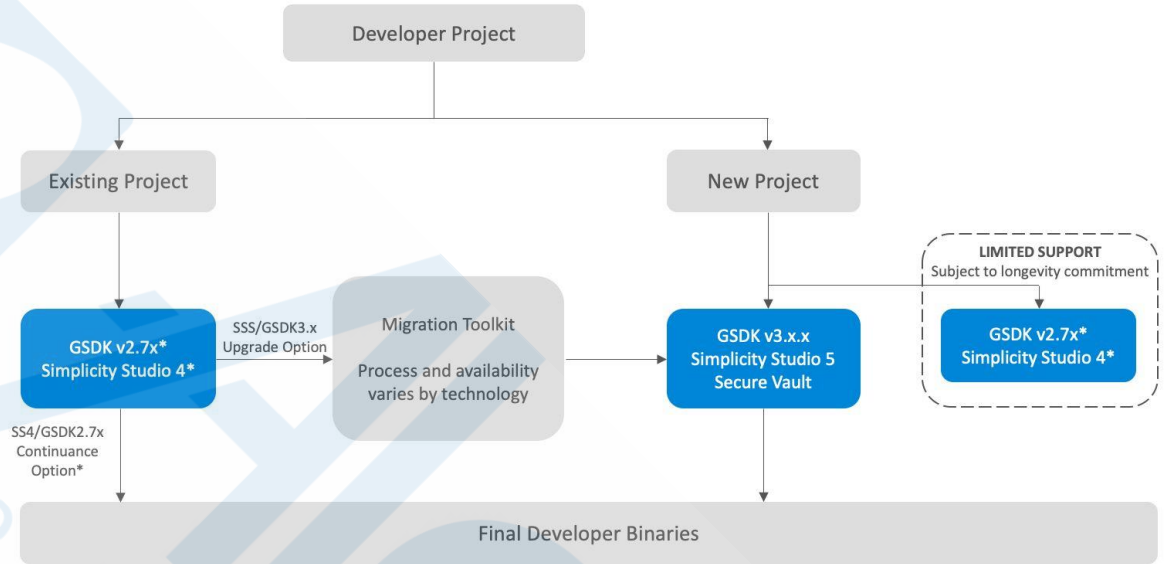
Simplicity Studio 5 - IDE based on the latest versions of Eclipse and the C/C++ Development Tooling. Builds off the features of the previous version and includes advanced SecureVault technology, a new web-like interface, and solid performance improvements.

Simplicity Studio 4 - IDE based on Eclipse 4.5. Features energy profiling, configuration and wireless network analysis, and improved debugging. Recommended for existing applications.

View the release notes within each of the tabs below to get information on the capabilities, features, improvements, and recommended use cases of each version. **Note**: Before you upgrade to Simplicity Studio 5, please ensure your application meets the migration criteria outlined in the release notes.

Compare Simplicity Studio Versions 4 and 5

Want to try both? You can now install two different versions of Simplicity Studio on one machine.

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        ┌───────────────┐                          ┌───────────────┐
        │Existing Project│                          │  New Project  │
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    │ GSDK v2.7x*  │  Upgrade Option│ Migration    │  │ GSDK v3.x.x  │  │ GSDK v2.7x*  │
    │Simplicity    │──────────────▶│ Toolkit      │─▶│ Simplicity   │  │ Simplicity   │
    │ Studio 4*    │               │ Process and  │  │ Studio 5     │  │ Studio 4*    │
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    │                  Final Developer Binaries                        │
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		Simplicity Studio 5				
Criteria	**Simplicity Studio 4**	**Bluetooth**	**Proprietary**	**Zigbee**	**Z-Wave**	**EFM**
GSDK	up to 2.7.x	3.x.x	3.x.x	3.x.x	3.x.x	3.x.x
Status	Maintained	Active	Active	Active	Active	Active
Existing Projects	✔	via migration	via migration	via migration	via migration	via migration
New Projects	✔ (Not preferred)	✔	✔	✔	✔	✔
Support for Secure Vault Technology	✖	✔	✔	Future Release	Future Release	Series 2 Only

Simplicity Studio 5

Simplicity Studio 5 is a major upgrade to the popular IDE. The experience is largely based on feedback from customers, employees and competitive reviews. No matter your experience level, you'll benefit from an optimized workflow that produces quicker project progression and device configuration. Simplicity Studio 5 also includes the latest versions of Eclipse and C/C++ Development Tooling (CDT), adding robustness, improving performance, and giving you the ability to customize your experience using plug-ins from the Eclipse Marketplace. Version 5 enables SecureVault, a new suite of state-of-the-art security features designed to help future proof your IoT devices against escalating threats and regulatory pressures. The IDE also includes a new UI engine for modern, responsive, web-like user interfaces.