



TWINTHREAD

INTELLIGENT OPERATIONS TECHNOLOGY

Onboarding Accelerator

YOUR ONBOARDING JOURNEY

The TwinThread Onboarding Accelerator is designed to walk you through the key configuration steps to ensure that you gain the product knowledge you need to be successful in your initial deployment and beyond. The process involves a series of webinars, homework assignments, and checkpoint meetings to guide you through each step involved in setting up a TwinThread system. And, at any time you need additional help, we have scheduled office hours for detailed questions. And of course, your dedicated Consulting Engineer is available to provide any help you may need. Our goal is your success!

A step-by-step process

The Onboarding Accelerator uses a series of webinars to explain each of the key steps required to set up a TwinThread system. Each webinar ends with a homework assignment designed to provide hands-on experience completing the tasks reviewed in the webinar. Each homework assignment can be completed using our Gentovo Factory Simulator, making it very easy to complete without any needed external integration. However, if after the Connection & Preparation webinar you have your own data sources connecting, you are welcome to use the homework to start building your own system.

In addition to the webinars, the Onboarding Accelerator has three, one-on-one meetings with your dedicated Consulting Engineer. These meetings are designed to ensure you are making the needed progress. The first meeting is a Kick-Off meeting to make sure you have a clear definition of the project objectives and stakeholders. The final two meetings are to check on your progress in setting up your initial system and then defining a roll-out plan.

Accelerator Phases

The Kick-Off Phase provides an overview of the Onboarding process and the capabilities of the TwinThread application. This initial session is focused on helping you understand what you are trying to build and the steps that you will follow. The homework assignment is to develop a written definition of what you are trying to accomplish and how you will measure success. It also includes an assignment to define the project stakeholders. You will then review this document with your Consulting Engineer at the Kick-Off meeting.

The Connection & Preparation Phase covers the initial steps of configuring your system and connecting it to real-world data sources. You will cover how to set up users, connect to data sources, and set up the Twins in your virtual factory. The homework assignment is to connect a data source (yours or our Gentovo simulator) and configure a few Twins with an associated hierarchy.

The Visualization Phase covers the capability of the TwinThread application to provide insights into your facility via visual displays. You will learn how to configure Twin Status pages, use the library of Analytic charts and develop Monitor Dashboards. The homework assignment is to configure a Twin Status page that uses a set of configured Analytic charts.

The Contextualization Phase covers two areas each covered by a webinar. The Power Up #1 Webinar covers how the TwinThread application ingests, creates, and uses Alerts and Events. These elements are key to being able to add context to the process data that is needed by the modeling engine. The homework assignment is to configure a set of Alerts and Events for one of the configured Twins. The Power Up #2 Webinar covers Threads and their use in the TwinThread system to create data, as well as Alerts and Events that are not directly available from the real-world data sources. The homework assignment is to configure a Thread that will create Events and Alerts based on incoming process data.

One-on-One Checkpoint #1 – time to review your entire TwinThread system to confirm the Twins are connected and providing true virtual representation of their real-world versions. This meeting is typically 1-2 hours in length.

The Modeling Phase also covers two areas associated with how to use the power of the TwinThread modeling engine. The Modeling #1 Webinar covers how to use the Curated Datasets and Anomaly Detection Models. The Modeling #2 Webinar covers how to use the more powerful Predictive Models.

One-on-One Checkpoint #2 – time to review your entire TwinThread system to ensure it is meeting the objectives that you set out at the beginning of the Onboarding process. It is also time to develop your Deployment Plan. With your initial system configured, it is now time to work with your dedicated Consulting Engineer to develop a plan to roll to a system that delivers the project, with associated success criteria you defined in the Kick-Off Phase. This meeting is typically 1-2 hours in length.

Graduation - time to celebrate your success!