



Unify Accelerator for Digital Twins

Accelerate your path to twin success

There is increasing interest in the use of digital twins to enable a myriad of use cases that yield business value. There is a wide range of options for building digital twins. For example, AWS offers several useful services under their Industrial Data Platform including AWS IoT TwinMaker (that makes it faster and easier for developers to build highly contextualized 3D scenes and digital twin applications) and AWS IoT SiteWise (that makes it easy to collect, store, organize, and monitor data from industrial equipment at scale). Yet the speed of delivering results and the longevity of the analytics is critically dependent on the data models you build and quality of the underlying data you provide to the digital twin. Models that are slow to build, inflexible, and difficult to maintain can doom the initiative at the beginning resulting in low acceptance and failure to scale. Not a desirable outcome given that most teams' aspirations are not just to build one twin but to adopt the digital twin approach broadly across the enterprise requiring hundreds, if not thousands, of twins.

This is where Element's forward deployed engineers can partner with you and share the benefits of their extensive industry, data engineering, and project leadership experience. They can draw on Element's deep experience in working with AWS to establish integrations with offerings such as IoT TwinMaker and IoT SiteWise. They will collaborate closely with you to shorten time to value and set you up for success using analytics best practices. Working together you will accelerate your transformation journey, reduce project risk, and enable analytics at scale.



Accelerate your digital twin journey

Our industrial data experts have helped others and can help you achieve results fast by drawing on best practices



Reduce project risk

We can help you avoid known pitfalls and mis-steps so you don't repeat the mistakes of others



Enable twins at scale

Small projects are one thing, implementation at scale is another. We can partner with you all the way

Project Approach

Initiate the Project

- Business Review Session to set objectives
- Data Assessment
- Unify System Access
- Develop initial data models

Define Solution Architecture

- Confirm as is architecture
- Develop to be architecture

Plan for Analytics Success

- Agile project delivery
- Develop success plan

Key Deliverables

- Business Review Session to set objectives
- Unify Software Provisioned
- Training & Coaching
- As-is and To-be Analytics Reference Architecture
- Sample data ingress to Unify from select customer systems
- Create reusable asset data models in Unify
- Sample data model egress from Unify to AWS Cloud
- Project Write Up and Success Story for internal stakeholders
- Roadmap and next steps for customer success

Supported Services



AWS IoT SiteWise



AWS IoT TwinMaker

The Element Professional Services team knows industrial data engineering

Industry Experience

Our forward deployed engineers (FDEs) are industrial data experts with real-time data and process experience working for companies such as OSIsoft, Tibco, BP, Shell, ABB, Meridium, and Nalco.

Data Experts

Many Element FDEs have advanced degrees in engineering and advanced analytics and can provide a broad perspective on IT/OT data engineering best practices.

Proven Leadership

At Element, we view you as the expert of your own data and systems, and we bring an unmatched vision for the future of industry solutions based on years of delivering software and support to many customers' data engineering and analytics teams.

Contact us to discuss your project:
[elementanalytics.com](https://www.elementanalytics.com)

About Element Analytics

Element, a leading software provider in IT/OT data management, enables industrial organizations to unite their IT and operations data to produce analytical insights that drive cleaner, safer, healthier, and more profitable operations. Element Unify transforms siloed IT/OT data into contextualized, graph-based models to support diverse analytical workloads and data governance. Element's customers represent over \$250 billion in revenue, \$230 billion in fixed assets and 450,000 employees. To learn more about Element, please visit [elementanalytics.com](https://www.elementanalytics.com) and follow the company on Twitter and LinkedIn.