

Implementing integration solutions to boost connectivity for wireless networking experts

Synegrate's Enterprise Integration Center of Excellence empowered Skyworks Solutions Inc. to reduce costs and increase productivity.

About the Client

Skyworks Solutions, Inc. is a semiconductor manufacturer headquartered in Irvine, California. Formed in 2002, they are a publicly-traded company with manufacturing facilities in the US and Mexico. Skyworks' portfolio includes a wide range of products in a variety of markets. Their product line consists of 15 different product categories, from Amplifiers to Voice. The company serves markets such as Aerospace and Defense, Automotive, Infrastructure, Internet of Things, Medical and Healthcare, and Optical Networking. "Connecting Everything, All the Time." is Skyworks' mission, so the level of breadth in their portfolio is no surprise.

Skyworks' Problem

Skyworks was experiencing delays in rolling out new integrations at scale. Their legacy integration solutions were initially meant to provide integrations at a small scale. Over the years the original solution kept growing to the point where it became unstable. Eventually, it was unable to handle the volume of data to be integrated at the frequency that was required by the company. Skyworks' level of growth had outpaced the abilities of its integration solutions, which was causing the organization to stagnate.

Synegrate's Solution

Synegrate proposed a new integration platform, based on the Microsoft Azure platform, using services such as Azure Logic Apps, Service Bus, Functions, Data Factory, Data Lake, and API Management. Synegrate also provided a tailor-made Center of Excellence guidance document that provided the governance, integration design patterns, coding standards, naming conventions, and many other key principles of the Integration Center of Excellence.

The Results

The process to migrate the legacy integrations to the new platform will be lengthy and possibly span a few years. But the new platform is immediately effective when new integrations are built. To date, Synegrate has completed a handful of projects with Skyworks to enable core business initiatives with the new integration platform alongside the Center of Excellence.



SKYWORKS®

Synegrate provides the following services to Skyworks Solutions, Inc. in Irvine, CA:

Enterprise Integration Center of Excellence

- Time and money saved
- Increased security and compliance
- Increased productivity
- Increased insights
- Reduced complexity
- Reduced time to market
- Reduced operational costs

Application Modernization

- Updating the DNA of legacy software
- Maintaining functionality while increasing capacity
- Rapid development time and decreased costs compared to creating a brand-new system

Systems Integration:

- Decrease levels of dual data capture, manual processing, and data irregularities
- Greater Security
- Heightened productivity and insights
- Cost and complexity reduction



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