



## AWS IoT Case Study

Herman Miller. Work smarter, feel better with connected products.

### About Herman Miller



Healthy data-driven insights means happier work environments. OST created the cloud architecture and data analytics platform for the Herman Miller Live OS products. Herman Miller Live OS is a digital cloud-connected furniture system, designed to connect workplaces for the benefit of employee's wellbeing.

#### THE CHALLENGE

Herman Miller decided to embark on a connected IoT Project. As furniture makers, they set out looking for partners for the technical implementation.

The technology and strategies needed to connect the previously unconnected furnishings, in a way that provided value for all.

A partner was needed to guide the project from concept through support, and beyond completion to managing and running the program once the products were in the hands of the end users.

#### THE SOLUTION

OST created the IoT architecture and cloud infrastructure in AWS.

AWS IoT: Rules, Shadow States, Registry, Certificates/Policies

Cognito: Identity, User Pool, Datasets

Glue, Lambda, API Gateway, S3, IAM, Cloud Formation, CloudFront, CloudWatch, DynamoDb, EC2, Redshift, ElasticSearch, KMS.

#### THE BENEFITS

##### Information at your fingertips

The cloud connected system includes an App and Dashboard for real-time data and insights.

##### Value for all

Live OS provides value to the manufacturer, as well as the end users and facility managers through varied levels of insights.

##### AWS Glue

"AWS Glue helps cut our DevOps time in half. We start with an auto-generated script, then customize it with Zeppelin notebooks as needed. AWS Glue has completely redefined the way we think of ETL. We just focus on the custom code and AWS Glue takes care of the rest."

#### ABOUT OST AND AWS

OST designs, builds and manages large-scale IoT, mobile and cloud solutions for global product manufacturers. By connecting the previously unconnected, we not only help our customers to be more competitive, we help them grow their business with data-driven insights.

AWS IoT enables you to create a secure cloud platform for connecting the devices that drive your organization, enabling new business models that better serve your customers.

#### NEXT STEPS

To learn more about how AWS and OST can help your business, visit <https://www.ostusa.com/expertise/connected-products/>