

CASE STUDY

Indegene deploys MFT Gateway for a large European pharmaceutical company

Company

Indegene Inc | www.indegene.com

Industry

Healthcare



Background

Indegene Inc. is a technology-led healthcare solutions provider. It combines deep industry expertise with fit-for-purpose technology in an agile and scalable operating model, and offers research and development, and management services to healthcare and pharmaceutical enterprises. Many of the leading global healthcare organizations rely on its technology to deliver effective and efficient clinical, medical, and commercial outcomes every day. From strategy to execution, Indegene Inc. enables healthcare organizations to be future ready. It was founded in 1998 and is based in Bangalore, India. Indegene has offices in North America, Europe, China and India.

Challenge

Indegene required an AS2 gateway to be deployed to facilitate communications with a large pharmaceutical corporation in Europe. Based on its application architecture using Amazon Web Services (AWS) cloud technology, an AS2 solution with native operation on the AWS cloud, was a distinct advantage sought after.

Solution

Based on the successful deployment by Indegene a few months earlier, the MFT Gateway solution by Aayu Technologies LLC, was known to be the best suited platform. However to meet the European regulations and laws, the deployment had to be performed in the EU region of the AWS cloud.



“ The MFT Gateway solution has provided us with a secure, scalable, reliable, and easily manageable EDI platform. The ability to integrate the solution into our services using native AWS technologies has allowed us to get our services to enterprise customers rapidly and more cost effectively. ”

Anand Tiwari | Senior Director Technology
Indegene Inc

Deployment

Similar to its previous deployment, Indegene requested Aayu Technologies to deploy the MFT Gateway solution into an isolated AWS account under its control, and within the European region. This allowed Indegene to be in full control and ownership of all data being exchanged and stored, to meet the regulatory requirements.

The deployment also allowed customizations required by Indegene, specifically to use on-rest encryption of files on S3 storage, and use of a dedicated Virtual Private Cloud (VPC) for outbound messages, utilizing a static IP. The use of 2 way SSL with client authentication was another requirement to be fulfilled when connecting to the pharmaceutical customer, and the MFT gateway met all requirements. The customizations also included a Simple Queue Service (SQS) notification to notify Indegene systems of events, which the target systems then used to fetch message payloads from S3. Using the S3 integration capabilities, the Indegene systems could both send and receive messages over AS2 by simply copying to, and reading from the allocated S3 storage bucket.

The system was moved into production from July 2021 and is successfully processing messages, while being under the full control and ownership of Indegene.



TECHNOLOGIES

Serverless, Cloud native AS2 and EDI

We believe that native Serverless solutions on cloud are the future. Utilizing years of experience in AS2, EDI, B2B integration, and Serverless technology, we started from square one, and dreamt of the future with open eyes. We didn't move age old technology to cloud, containers, k8s, to give it a few more years of life. We built natively Serverless, infinitely scalable solutions, with no single point of failure, the real spirit of the cloud.

www.aayutechnologies.com

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