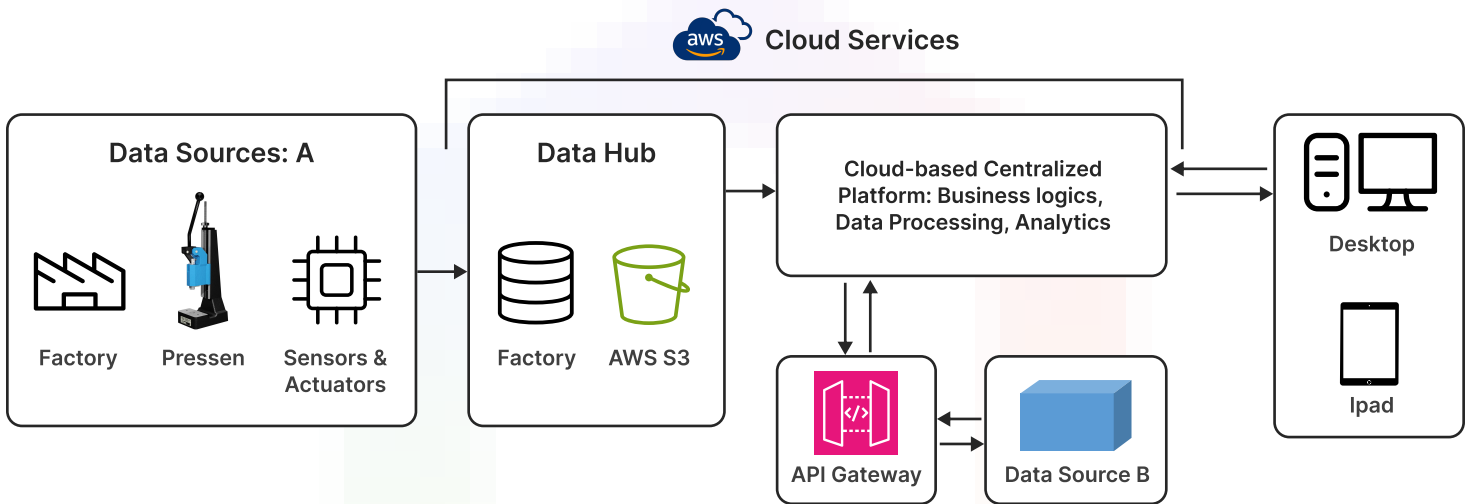


## Development of Digital Platforms in Automotive Industries

### Objective

Client aims to accelerate the connectivity and optimisation of its production plants for the Press Shops by leveraging AWS platform to build digital solutions which will solve this problem.



### Result

A Data processing and visualization solution on AWS cloud; it serves as a comprehensive planning and monitoring shop floor IT application with dashboards, alarms, and fault controls functionalities. It collects data from different sources via different connectivities e.g SNS Topics, Kinesis Streams, APIs.

### Challenges

- Solving multiple use cases with complex business logics
- Integrating different AWS component together for delivery of an optimized solution platform
- Interface strategy for connection to external systems e.g SAP

### Solution Highlights

- Solution can handle multiple data sources with different data formats e.g JSON, xml etc.
- Solution is a state-of-the-art operating data acquisition, processing and visualization system
- Solution provides more stable processes through better data quality; more precise analysis for increased decision-making ability
- Solution can be used group-wide across multiple plant locations
- Solution is using AWS-Native Components and the services provisionable via AWS Service Catalog.