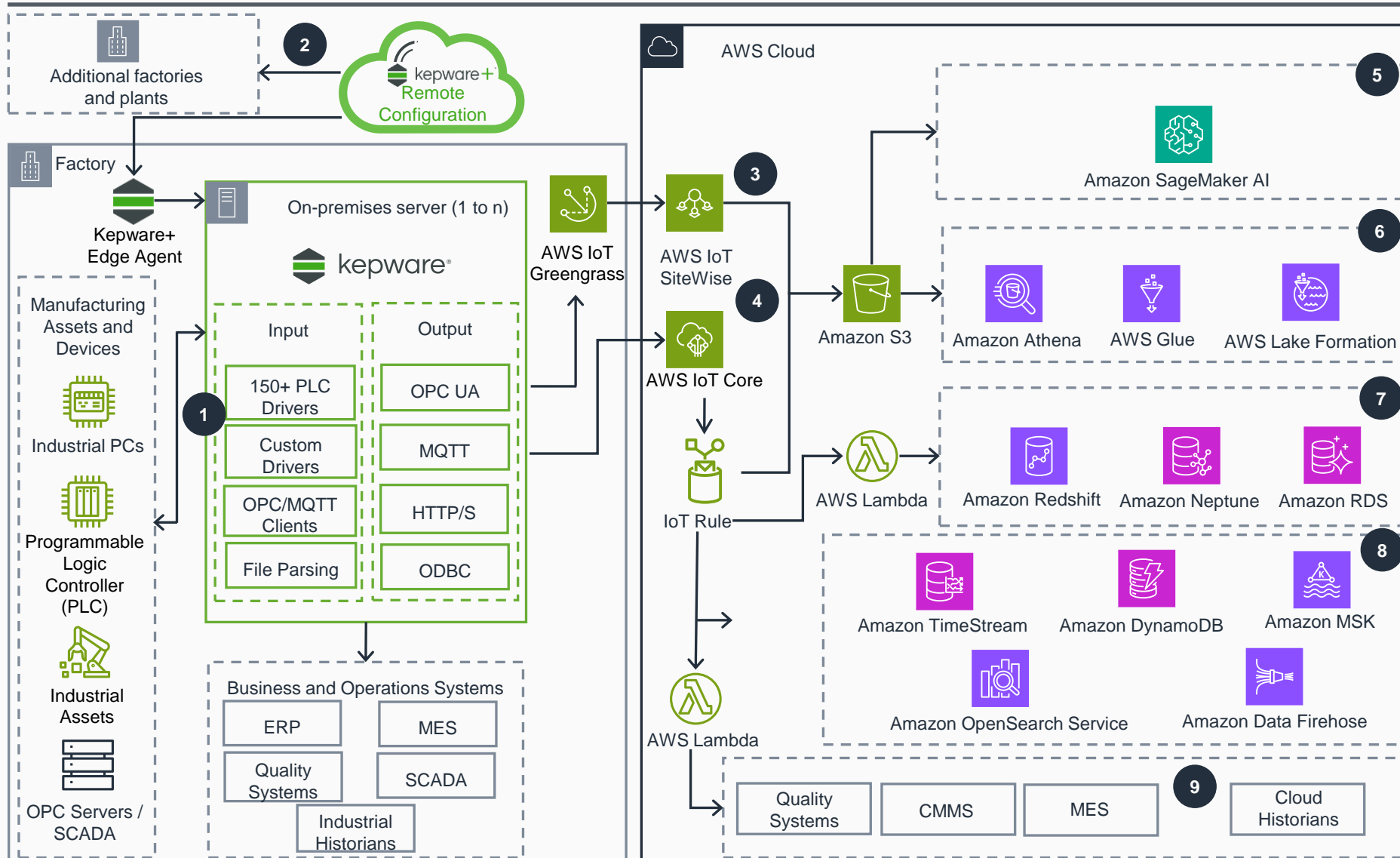


Guidance for Industrial Data Fabric with Kepware on AWS

This architecture diagram shows how PTC Kepware provides enterprise connectivity that standardizes secure data exchange between industrial devices and AWS, enabling real-time data streaming, analytics, and enterprise-wide insights. This slide shows Steps 1-7.

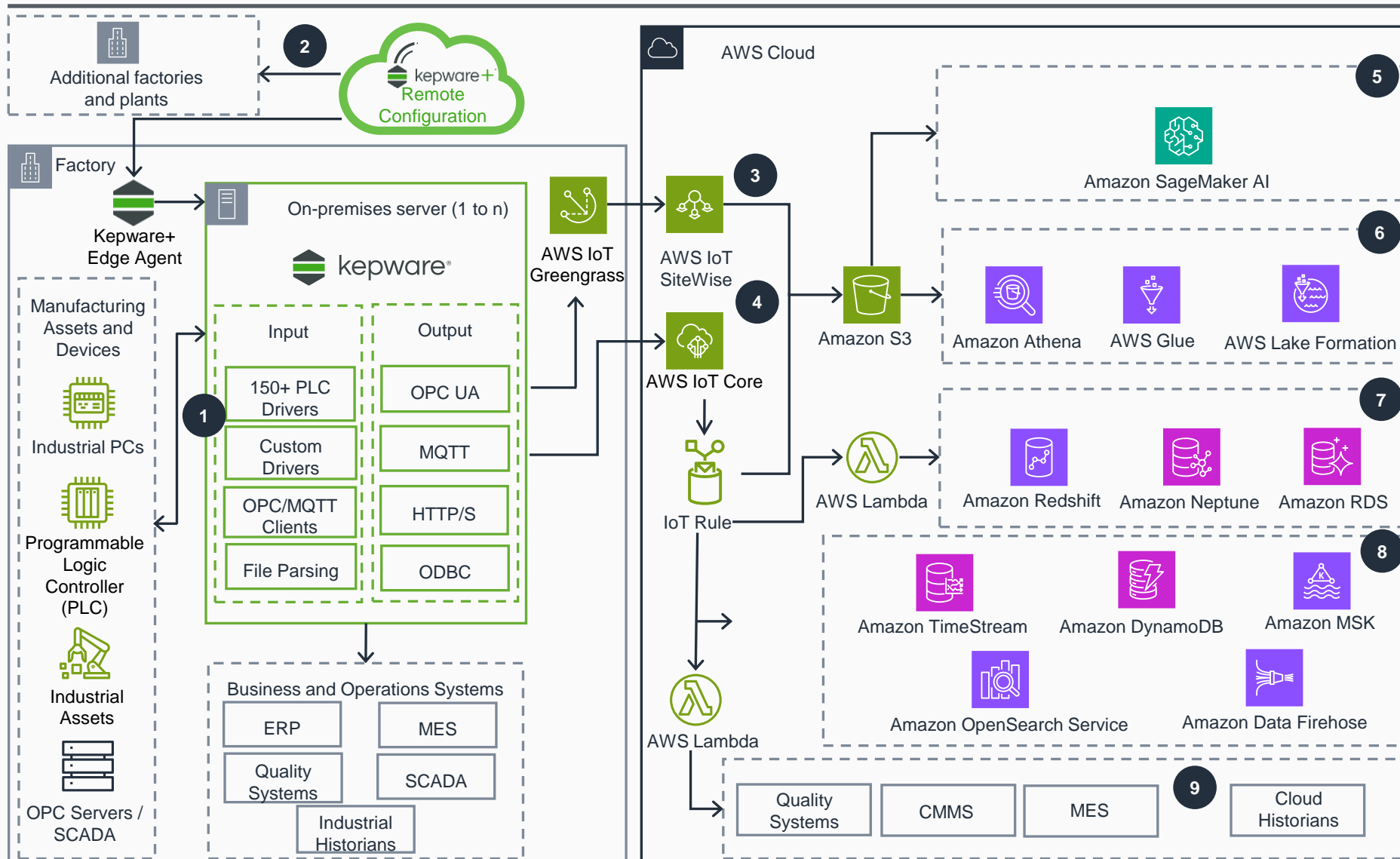


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AWS Reference Architecture

Guidance for Industrial Data Fabric with Kepware on AWS

This architecture diagram shows how PTC Kepware provides enterprise connectivity that standardizes secure data exchange between industrial devices and AWS, enabling real-time data streaming, analytics, and enterprise-wide insights. This slide shows Steps 8-9.



8

Telemetry data is published in near real-time to AWS. **AWS IoT Core** triggers IoT rules. This reliably streams the data into **Amazon S3**, **Amazon DynamoDB**, **Amazon OpenSearch Service**, **Amazon Data Firehose**, **Amazon Timestream**, and **Amazon Managed Streaming for Apache Kafka (Amazon MSK)**.

9

OT data tapped by Kepware goes into business systems running on the AWS Cloud, such as quality management, computerized maintenance management systems (CMMS), manufacturing execution systems (MES), or cloud historians through **AWS IoT Core**. The configured IoT rule can trigger a **Lambda** function that encapsulates the logic to post data to these systems through API calls.



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