

# Trade and Regulatory Reporting on AWS

## Cloud-based data aggregation, reporting and analytics solution

**Deloitte.**aws  competency

Deloitte is an APN Premier Consulting Partner and has achieved AWS Financial Services Competency

## Challenges

Financial services firms are challenged more than ever before with increasing the accuracy, timeliness, frequency, and transparency of trade and regulatory reporting given the current regulatory scrutiny landscape. Yet most firms remain constrained by largely archaic reporting platforms, siloed data stores, static infrastructure capacity, significant manual processes, and limited analytical capabilities. Deloitte's Trade and Regulatory Reporting solution on AWS brings to bear our expertise and experience from having assisted several organizations navigate through these challenges.

## Solution Overview

Deloitte's Trade and Regulatory Reporting solution offers a cloud-based, scalable, cost-effective, and configurable approach to accelerate regulatory compliance while streamlining the data aggregation and reporting pipeline. The solution also offers "plug and play" analytical capabilities using AWS native services. The solution is easily deployable and will enable seamless integration between the on-premise environment and AWS to facilitate data streaming onto cloud, validation, transformation and extraction of data, and finally generation of reports using all the capabilities AWS has to offer.

### Strategy & Execution

- **Initial discovery:** Establish scope and baseline current state (i.e. data sources, transformation rules, reporting scope, workflow, analytics)
- **Target state design:** Design the target state solution that "tailor fits" the Trade Reporting Solution to your specific future state vision and operational / technical requirements
- **MVP design:** Develop an MVP through platform configuration and rapid prototyping
- **Scaled implementation:** Scale the MVP through a systematic, tried-and-tested and iterative implementation methodology

### Sample Deliverables & Outcomes

- Source data elements mapped to a standardized data model
- Out-of-the-box application of data validation and transformation rules, with the ability to configure additional transformations
- Configurable reporting, archiving, exceptions management, and related operational workflows
- Generation of "ready-to-submit" reporting in desired formats based on regulatory needs
- Advanced reporting analytics and actionable insights through integration with reporting platform of choice

# Partner Consulting Offerings

Partner consulting offerings are consulting engagements that will accelerate your adoption of AWS. These offerings will help you achieve your business goals by leveraging AWS services and expertise from members of the AWS Partner Network, including those who have attained Competency designations in Financial Services.

## How It Works

- **Data Ingestion:** Adopts a parallel processing framework to move large amounts of data (e.g. transaction and reference data feeds) from on premise onto the public cloud environment
- **Data Standardization:** Map and transform the data ingested (e.g., order details, execution details) into a standardized data model
- **Data Validation:** Leverages the built-in (and expandable) data validation rules to filter out any erroneous records for notification back to the upstream data sources and exclude from further processing
- **Data Transformation:** Utilizes regulation specific (e.g. CAT) transformations to prepare data for report generation
- **Report Generation:** Generates the event-based (e.g. MENO for New Orders under CAT) transaction records and creates the final reports / files to be sent to the regulators / plan processors (e.g. Thesys for CAT) based on specifications
- **Data Analytics:** Offers built-in dashboards for different groups (i.e. Front Office, RegOps, Trade Surveillance, etc.) to mine the transaction data collected across the client base. Tool offers the capability to update existing and/or create customized dashboards for your needs

## Benefits

The solution, while aimed at trade and regulatory reporting, can be used in any cloud-based data pipeline context.



### Automation

Rules based frameworks, and exceptions driven regulatory reporting



### Elasticity

AWS cloud enabled scalable and automated resource provisioning ("Infrastructure-As-Code")



### Seamless Monitoring

Intuitive monitoring alerts across the reporting workflow



### Advanced Analytics

Integration with cloud based advanced analytics platforms generating actionable insights

## About Deloitte

It takes more than an understanding of technology to seize the transformative power of cloud. At Deloitte, we blend deep industry experience and our role as a trusted advisor to provide targeted solutions that help amplify impact throughout your cloud journey by factoring in realities of your business and your industry.

## Deloitte plus AWS

Deloitte and Amazon Web Services (AWS) bring a holistic approach to our clients' business transformations. As an AWS Premier Consulting Partner, Deloitte leverages the leading-edge capabilities of AWS to offer innovative solutions that can enable and accelerate your cloud journey – from enhancing your infrastructure and accelerating migration of your legacy workloads, to launching new, innovative and scalable cloud native applications.

## Getting started

[Contact AWS and Deloitte](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>

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