

Professional Services by Dattell

# Architecture Design Workshop



## Objectives

A two-day intensive with your team working side-by-side with a Dattell solution architect to design a real-time data and stream processing solution tailored for your use case. We work with your development, Ops, DevOps, and management teams to improve system performance and maximize knowledge transfer to your internal team.

A working knowledge of Apache Kafka is recommended for getting the most out of this workshop. The Fundamentals for Apache Kafka training from Dattell provides a helpful foundation for key personnel before this workshop.

## Outcomes

- Acceleration of solution design for tailored real-time data and stream processing platform
- Infrastructure recommendations and validation
- Architecture design validation
- Tailored best practices and optimizations for your business use case and internal resources
- Documentation and knowledge transfer to your internal team

## Conditions

- New or active Apache Kafka project(s)
- Involvement of product owner / project manager
- Participation by technical staff responsible for the implementation of the streaming platform, including any relevant development, Ops, DevOps, or solution architects

## Location

The majority of our engagements are conducted remotely using VPN, video conferencing (Zoom, Google Meet, or the like) and messaging services (such as Slack and Microsoft Teams). On-site support at a client's office is available upon request.

# Workshop Activities

## Kickoff

- Dattell engagement manager and solution architect assigned
- Pre-workshop call with key team members to align expectations
- Agenda for two-day workshop and logistics finalized
- Schedule follow-up meeting for two-weeks after workshop
- Connect to customer systems/VPN for pre-workshop review (optional)

## Workshop Flow

- Review of existing solution and business use case
- Capacity planning, including safeguards for data spikes, scalability, provisioning servers, high-availability, and high-throughput
- Security goals and design
- Testing and monitoring
- Optimizations and tuning
- Itemized instructions for deployment and testing
- Documentation review and transfer

## Follow Up

The Dattell solution architect that ran the workshop will follow up with your team two weeks after the workshop for a two-hour video call to answer questions and provide feedback.

## Terms

The Architecture Design Workshop is billed at a flat fee of \$7,000. The optional pre-workshop deep-dive review of your current solution is an additional fee of \$1,500.