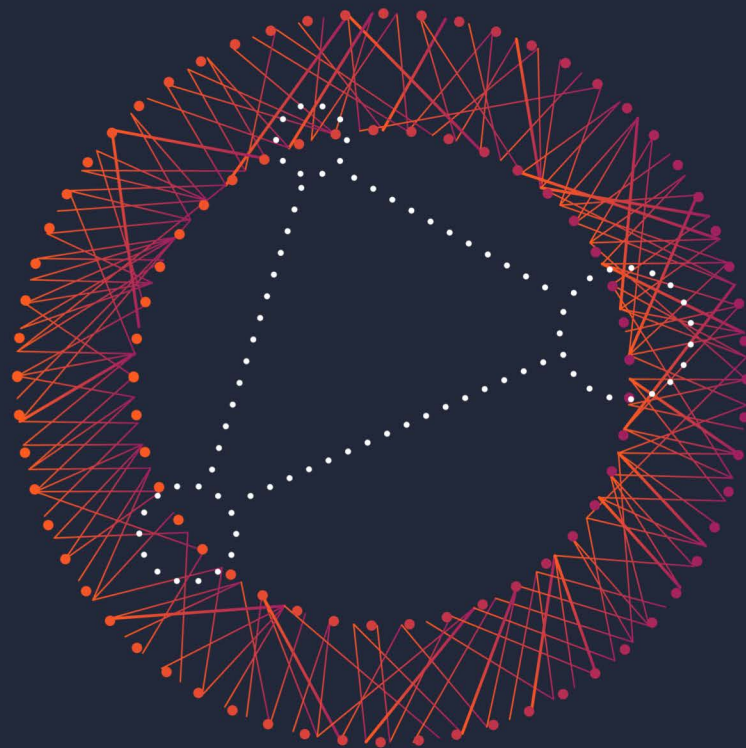


# Company Story

APRIL 2018

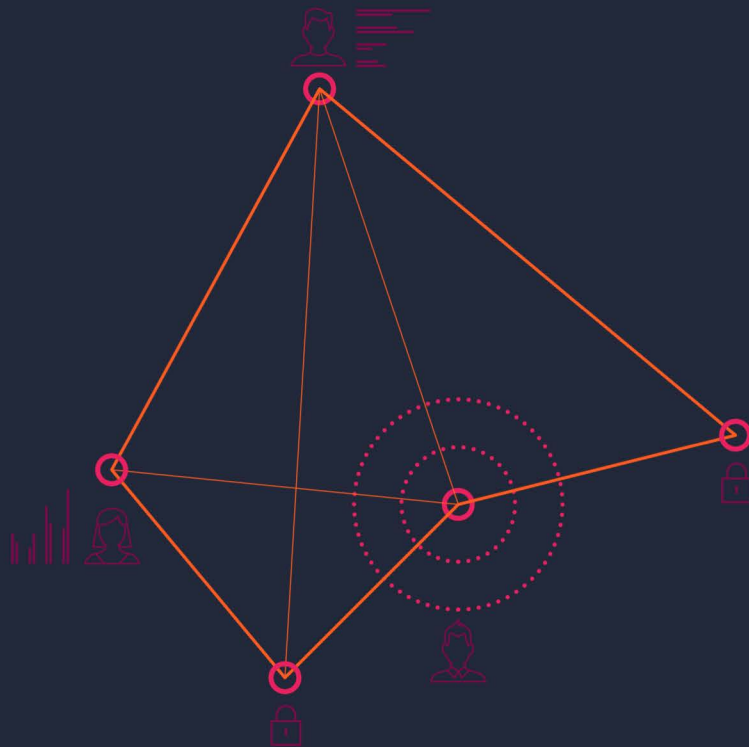
# Agenda

- Agility and Governance
- The Challenge
- Our Solution




# What We're All About

- Your data can do more.
- It can be more available and more secure.
- Okera empowers data platform teams to enable access to data quickly without compromising on governance.



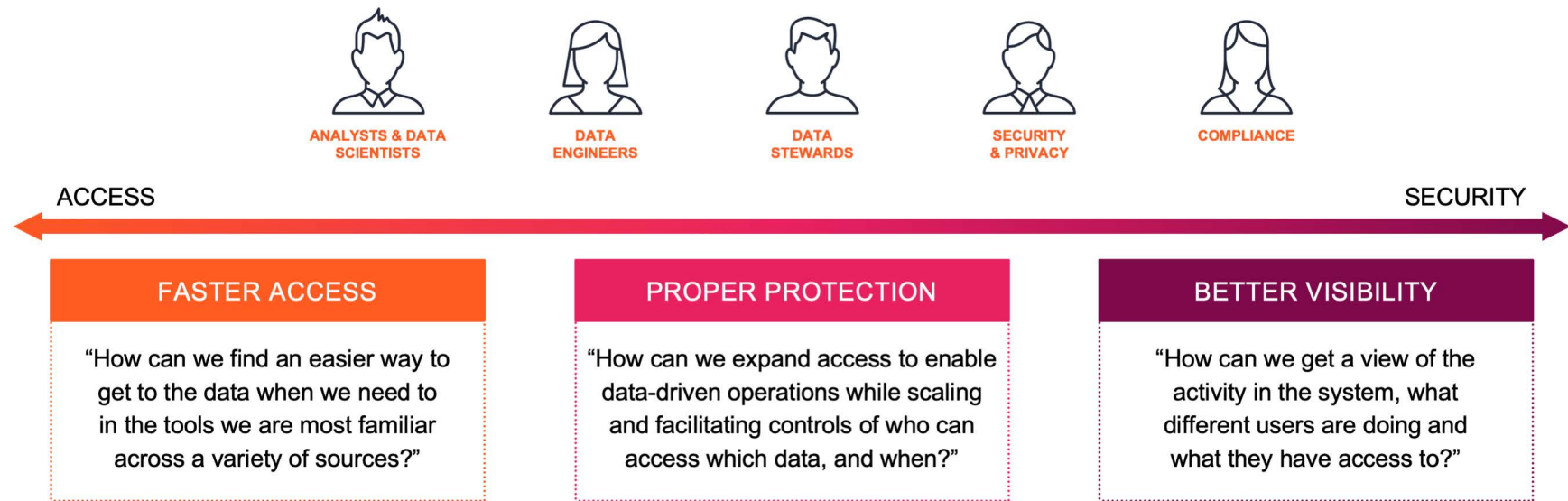
**Agility  
can't happen  
without  
scalable  
governance.**



“Data and analytics leaders  
need to take an aggressive  
approach that creates an  
appropriate balance  
between data collection  
and data connection.”

—ROXANE EDJLALI AND TED FRIEDMAN,  
GARTNER ANALYSTS

# The Tension Between Agility and Governance



**Actually, they all want the same thing.  
They want to reduce the friction so they can get their jobs done.**

# What's Getting in the Way?

1

Decentralized teams +  
technology fragmentation



"I knew I was inventing the wheel again...  
different teams have their own data in their  
own silos, it's not properly labelled, it's not  
available for democratic use."

– DATA OPS DIRECTOR, TOP 3 PAYMENT CARD COMPANY

"How do I get the right data into a standard  
format, so I can use it right away. How do I  
get the data ready for data science use?"

– CHIEF TECHNOLOGY OFFICER, TOP 5 SI



2

No common framework for  
publishing & securing data

3

Heavy reliance on  
data plumbing

"50-60% of my time is  
spent accessing data."

– DATA ANALYST, CAPITAL ONE





# Different approaches to data access

## OPEN DATA POLICY

⊘ Company (and Customers) Exposed

## DUCT TAPE, ROLL-YOUR-OWN

⊘ Brittle, Expensive, Hard to Manage

## RESTRICTED TECHNOLOGY CHOICES

⊘ Lack of Flexibility

## POINT SOLUTIONS

⊘ Limiting, with Added Complexity



“Data is locked down in the cloud by hand. Our cloud computing organization will come up with guidelines in the public cloud but we are not there yet.”

– DIRECTOR OF DATA ARCHITECTURE, TOP 10 FINSERV FIRM

# Our Solution





# A Unified Layer for Active Data Access



Okera provides a **unified enterprise-wide layer** for actively managing **secure data access**.

Okera **eliminates the trade-off between agility and governance** by giving data professionals the assurance of **faster time to access** and **data protection at-scale**, so they gain the confidence to innovate.

# Our Offering: Active Data Access Platform

## Simplified access, minimal complexity

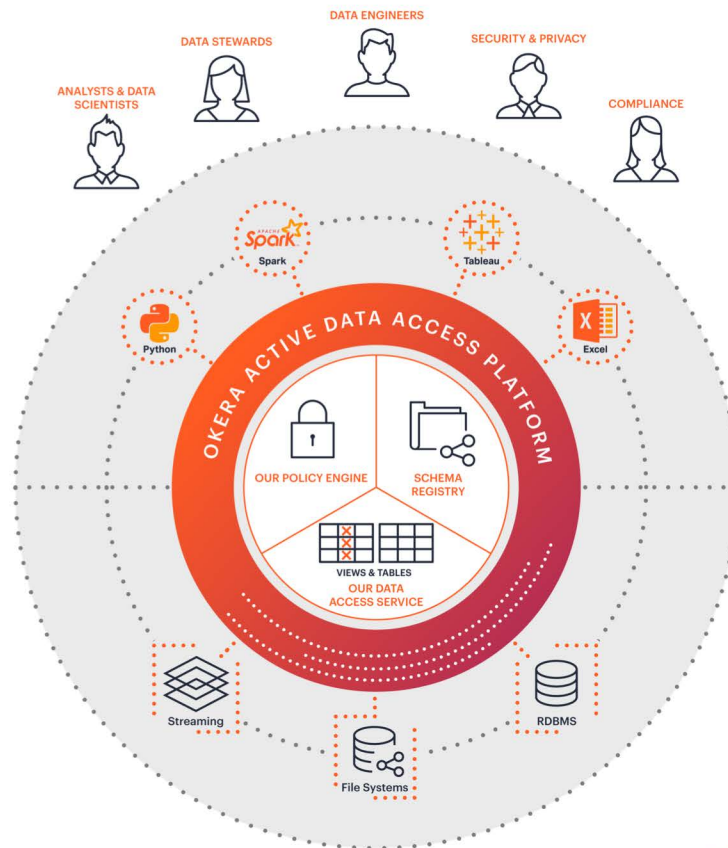
- Active schema registry
- Multi-tool, multi-data, multi-cloud
- Collaborative workspaces

## Scalable protection

- Fine-grained access control
- Tokenization & anonymization

## Greater visibility

- Rich audit trail



# Technical Benefits

## FINE-GRAINED ACCESS CONTROL

Ability to lock access at the data cell level

## SHEER SCALE

Support for very large and heterogeneous data stores with high-performing workloads enabling multiple concurrent users

## DYNAMIC TOKENIZATION

Ability to dynamically obfuscate data and support regulatory compliance

## SIMPLICITY OF OPERATIONS

Simplified interconnectivity between tools and data stores with easy administrative and end-user interface for orchestrating data management, retrieval, queries, and modeling

## API BY DESIGN

Support for multiple tools and frameworks of choice, empowering users and avoiding lock-in

## AUDITABILITY

Solution gives you the ability to monitor data usage down to the cell level

# Our Customers



# Top-10 US Bank

## GOVERNING ALL ENTERPRISE DATA ACROSS BUSINESS UNITS

### Challenges

- No common view of what data they had
- No way to control who had access to what data
- Difficulty monitoring usage
- Required heavy custom engineering and data replication



“We need a solution to maintain continuous knowledge of our data and its usage through rich audit trails and data usage statistics.”

### Solution: Okera Active Access Platform

- Single, common Schema Registry and Policy Engine
- Unified access layer across systems
- Fine-grained access control and audit trail
- Production deployment in under 90 days

#### ENVIRONMENT

- IT Overhaul
- AWS Migration
- Separate storage and compute
- Multi-tool, multi-data

# Top 5 Global Apparel Company

## SOLVED THE GDPR CHALLENGE AND ENABLED ENTERPRISE ACCESS

### Challenges

- No common view of what data existed
- No way to empower users with the right access
- Difficulty monitoring usage
- Managing data replication issues required to support GDPR



"We need to be a technology-based company if we want to survive, especially since shoppers don't go to the mall like they used to."

### Solution: Oker Active Access Platform

- Single, common Schema Registry and Policy Engine
- Unified access layer across systems
- Fine-grained access control and audit trail
- Automates deletes from data lake eliminating data replication
- Production deployment in under 60 days

#### ENVIRONMENT

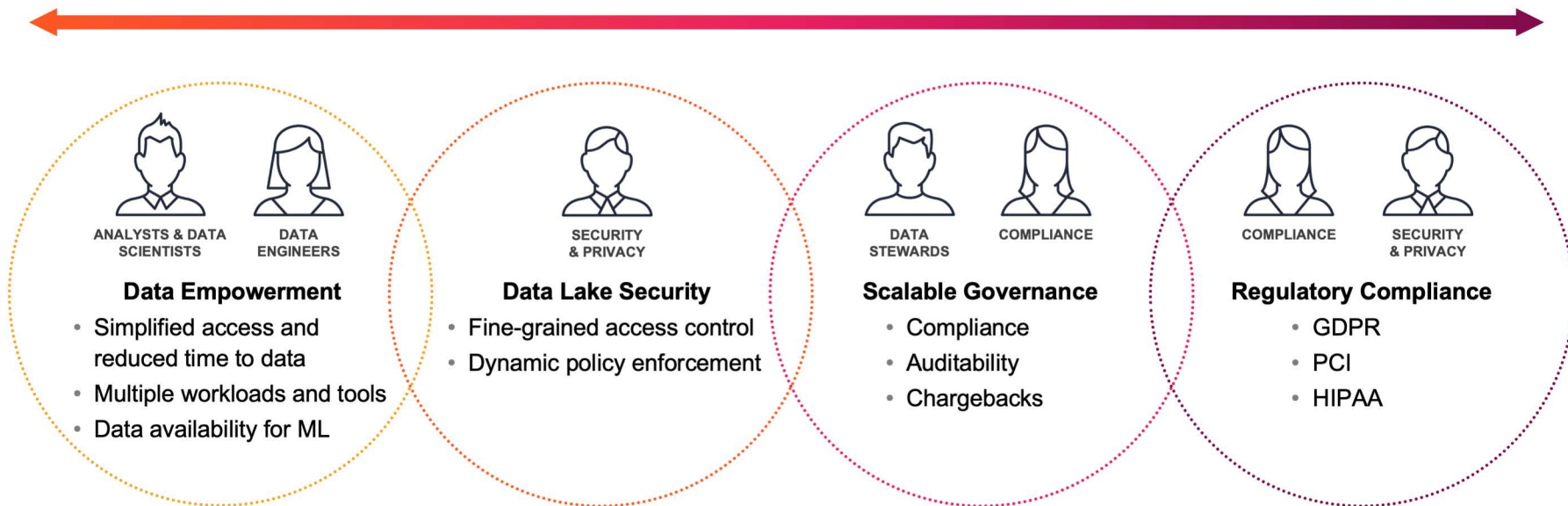
- AWS
- S3-based data lake
- GDPR coming in fast



# Different Challenges with Compounded Benefits

SCALABLE DATA ACCESS

SCALABLE GOVERNANCE AND COMPLIANCE



# In Summary



## ACCESSIBILITY

Access data from any source, using any tool, in any environment



## PROTECTION

Automate and enforce dynamic and fine-grained access and governance policies



## VISIBILITY

Get continuous knowledge of your data and its usage

**We give you the confidence to innovate.**

# Our Leadership, Our Team



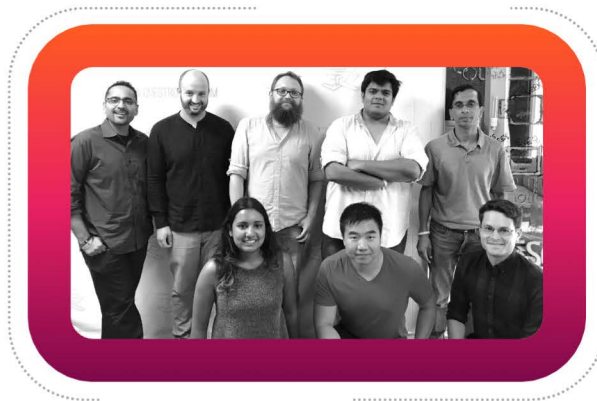
**AMANDEEP KHURANA – CEO**

- Early engineer @ AWS EMR
- Principal Solutions Architect @ Cloudera
- Extensive customer implementation of some of the largest, most complex big data deployments
- Author of book and numerous articles on big data apps



**NONG LI – CTO**

- First engineer on Apache Impala @ Cloudera
- Led Spark 2.0 @ Databricks
- Authored Apache Parquet
- Mentors Apache projects, incl. Apache Arrow



**OUR TEAM**



# Questions?

[info@okera.com](mailto:info@okera.com)

