

## Data Sheet

# A developer PaaS that dramatically simplifies the complexities of building highly-scalable, real-time applications.

**Kalix is the first and only developer platform to enable any back-end or full stack developer to easily build large-scale, high performance microservices and APIs with no operations required.**

*“Typically, I spend 80% of my time just dealing with stuff that has nothing to do with the problem I’m trying to solve. With Kalix I got to spend all of my time on the business problem.”*

**James Ward**, Developer Advocate, Google Cloud

## With Kalix, developers no longer need to worry about:

- ✓ Object/Relational Mapping (ORM)
- ✓ Manual scaling up and down
- ✓ Setting up and scaling databases
- ✓ Building data access layers Kubernetes!
- ✓ Schema migration
- ✓ Connection pooling
- ✓ Caches and other performance workarounds
- ✓ Service discovery unbalanced read/write traffic splits

## Value of Kalix

Our calculators don’t go that high!



### Accelerated Time to Value

Deliver business-changing applications more rapidly and cost-effectively



### Greater Developer Productivity

Power of large-scale cloud native services with sole focus on business logic



### No Need to Hire

Use current teams and programming languages



### Zero Operations

Eliminate the overhead and challenges of maintaining infrastructure and databases



### Significant Cost Reductions

Pay only for what you use; no need for database administration

## What You Can Build



**IoT Platforms**



**Real-Time Financial Services**



**Web-Based Gaming**



**Distributed eCommerce Systems**



**Messengers & Chatbots**



**Streaming Media Platforms**

## Additional Features

### Multiple Database Types

Pick between Key/Value, Event Sourcing and Conflict-Free Replicated Data Types (CRDTs). But no need for DB spin-up, SQL schema definitions or other DB management and maintenance.

### Write in Java, Spring, JavaScript, TypeScript, Scala, Python and More

SDKs available for popular languages. Quickstarts, samples and tutorials all included to further make the developer experience fast and productive.

### Oms Cold Starts

Either work with us for pre-provisioned capacity or use the default configuration and still get Oms starts for your services.

### Pay-as-you-go (PAYG) Pricing

Cost-effective, no-surprises billing for our customers.

### Open Communication Protocols

HTTP/gRPC/Pubsub/Kafka for ingress/egress/inter-service communication and data exchange/message delivery. Eliminates cross-team confusion and frustration and allows for best tool for the job.

### Dev Tools Integrations, including IDE, CI/CD and Logging

Use favorite editors like Visual Studio Code for development and enhance devops processes with integrations into CI/CD pipelines.

### No Infrastructure Required

No need to setup databases, configure service meshes, tune caching layers. All provided out-of-the-box and transparent to the developer.

### Security

Your data is your data, encrypted at rest and in motion. Your users are your users and you can use integrated auth support (JWT).

## Get Started Today

Visit [Kalix.io](https://kalix.io) for PAYG pricing information and to register for a Free Trial