

"While already operating at capacity, we turned to Altoros to take on the development of critical customer tools. They offered their skills in every aspect of the project, from administration to design and development. The end product is a set of open source tools that are uniquely flexible, and elegantly simple in solving a set of complex problems for our customers. We are indeed quite pleased with the partnership we've built with Altoros."

**Paul Lothridge**  
Director of Program Management



### Recognition



Altoros helps organizations accelerate software delivery, speed up time-to-market, and decrease costs and technology risks. Using best practices of Agile, Scrum, and other methodologies, we guide our clients through all the stages of the software development life cycle.

### Cloud computing expertise

Based on microservices and zero-downtime operations, Altoros helps its customers to deliver cloud-native apps that can be easily updated and scaled without rewriting the whole system. Areas of expertise:

- **Cloud-native scalable systems**
- **Cloud automation / monitoring**
- **Private / hybrid clouds**
- **Platform-as-a-Service**

With our experience in RightScale, Chef, Puppet, and other cloud-automation/orchestration tools, we help to simplify cloud deployment procedures, schedule backups, enable disaster recovery, HA, etc. We also assist enterprises in building their own "software factories" based on Cloud Foundry—an industry standard for open private PaaS.

### Big data solutions

We enable our clients to efficiently store / process their data, build "data lakes," and scale data-intensive apps. Services offered:

- **High-load distributed systems** for telco, finance, logistics, healthcare, retail, etc.
- **Performance optimization** (detecting and fixing bottlenecks by optimizing architecture / DBs / infrastructure / etc.)
- **IoT** (generate / analyze / transmit data in real time, while connected to multitudes of devices)
- **Technology benchmarking** (vendor-independent comparison of NoSQL / Hadoop systems)

In 2014 and 2015, Altoros was recognized as one of the top big data / BI / Hadoop consultants (by Clutch).

### Full-house development team

We also provide assistance at any stage of the software development life cycle: from prototyping an architecture to product rollout.

Major technologies:

[Ruby](#) | [.NET](#) | [Java](#) | [JS](#) | [mobile](#)

We cover all levels of the 3-tier architecture:

- server-side / business logic
- DB (SQL / NoSQL / NewSQL)
- front-end / mobile

Focused offerings:

- **Dedicated engineering teams**  
Obtain skills you lack: our professionals work as an extension of your team.
- **Software quality assurance**  
Independent functional (automated / manual), security, and load testing from the early stages.

*Brief fact: Did you know that our Ruby team was started in 2006 and has become the largest one in Europe?*  
[Contact us](#) for details on other tech units!

A Silver Member of the Cloud Foundry Foundation, Altoros is:

- One of the earliest members to join the Cloud Foundry Foundation
- One of the largest teams of Cloud Foundry specialists in the market
- Advanced system integrator for Pivotal
- An active contributor to Cloud Foundry and over 50 related OSS projects
- The developer of [Altoros Heartbeat](#)—a full-stack monitoring tool built specifically for Cloud Foundry
- An active member of the Cloud Foundry community
- Showcasing dozens of Cloud Foundry deployments, including some of the biggest production clusters in the world

#### Our Partners



**Hewlett Packard  
Enterprise**

**CANONICAL**

**Pivotal**



## Cloud Foundry Enablement and Support

### Cloud Foundry for Enterprises

Altoros's Cloud Foundry enablement team helps enterprises facilitate drastically the transition to cloud-native productivity with Cloud Foundry trial deployment, multi-datacenter implementation, and platform enhancement services.

#### Cloud Foundry POC Deployment

Proof-of-concept platform deployments exposing the agility of a highly automated, self-service infrastructure.

#### Application Replatforming

Key workloads migration to the platform (application portability assessment, replatforming, etc.).

#### Full-Scale Implementation

Deployment and support of production-ready Cloud Foundry installations with all the required integrations set up and configured.

#### Training and Onboarding

Onsite training, technological guidance, onboarding to the platform.

### Cloud Foundry for Vendors

Altoros is the partner some of the world's leading providers of managed cloud platforms and integrated IaaS/PaaS solutions, contributing our technology vision and expertise into the competitiveness and market differentiation of some of the best-in-class productized offerings atop open source Cloud Foundry.

#### Pivotal Cloud Foundry Tile Development

Professional PCF tile development services. Our portfolio includes:

- Altoros Jenkins for PCF
- Altoros AWS S3 for PCF
- Altoros Cassandra for PCF
- Altoros Log Search for PCF
- Altoros Elasticsearch for PCF
- Altoros Heartbeat for PCF

#### Container Orchestration with Kubernetes / DC/OS

- Platform selection based on the company's needs
- Infrastructure preparation / setup from scratch
- Platform deployment and configuration
- Application containerization and CI/CD
- Optimization of existing solutions in line with the company's business needs
- Onboarding to the platform
- Maintenance and support of the deployed and existing installations

Altoros is a system integrator responsible for:

- majority of multi-cloud templates for RightScale
- the most mature Charms for Canonical
- Hadoop-as-a-Service for Joyent
- database migrator for NuoDB
- Cloud Foundry-as-a-Service for NephoScale, etc.

## Why Altoros?

Independent software vendors across a variety of industries have trusted Altoros to accelerate time-to-market, expand in-house IT teams, and cut development costs.

Founded in	2001
Employees	A 250+ strong team across 10 locations in Europe and Americas
Competence	91.5% of employees are senior- or mid-level engineers.
Academic degrees	96% of employees have university degrees in mathematics, physics, or computer science.
Track record	900+ successful projects
Customer satisfaction	94% of our customers are ready to recommend Altoros to their business partners.
Tech workshops	100+ meetups and trainings hosted worldwide since 2008
Largest cluster	400+ nodes (An average cluster of our clients includes 20 nodes.)

### Featured customers



ENTERPRISE

SOFTWARE VENDORS

### Certification

To validate their expertise, our professionals successfully passed numerous international certification programs:



Want expert assistance with building a proof-of-concept, requesting an estimate, or scheduling an interview with our tech team? Contact our [global offices!](#)

