Kiratech helps Enterprises in the DIGITAL TRANSFORMATION JOURNEY through:

- HIGH LEVEL CONSULTING
- TRAINING
- RESALE OF THE BEST TOOL

#RedHatOSD
For more than 10 years Kiratech has been selecting the **best technologies** and **methodologies** in the following fields:

### DevOps
- Automation, Orchestration & Monitoring
- Container Deployment & Management
- Continuous Integration, Delivery & Pipeline
- Log Analytics & Continuous Monitoring

### Cloud Transformation
- Software Defined Data Center
- Cloud Data Protection
- Hybrid Cloud deployment
- IoT & Machine Learning

### Security
- Penetration Test & Vulnerability Assessment
- Anomaly Detection & User Behaviour Analytics
- DevSecOps
- 0-Days and APT Detection
Vision

Skills

Innovation

Skills and Certifications

International Scouting of Technologies

Community Events Organization

#RedHatOSD
2005

• KIRATECH BECOMES RED HAT PARTNER

2009

• KIRATECH BECOMES RED HAT PARTNER
• STARTS THE DATA ANALYTICS BUSINESS

2012

• KIRATECH EMBRACES DEVELOPS VISION

2013

• KIRATECH IS EMEA PRELERT PARTNER OF THE YEAR (now part of Elastic)

2015

• CONTAINER & MICROSERVICES

2017

• KIRATECH IS GITHUB TOP EMEA PARTNER OF THE YEAR

2018

• KIRATECH IS CLOUDBEES EUROPEAN PARTNER OF THE YEAR
OUR TECHNOLOGICAL EVOLUTION:

DEVOPS REVENUE

+ 421% over the last 3 years

550 K  950 K  1.4 M  3 M
2015  2016  2017  2018 (YTD 30.09)

Presence on 4 of the 5 Top Italian Banks

Presence on 2 of the 3 Top Italian insurances

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DevOps is a set of practices intended to reduce the time between committing a change to a system and the change being placed into normal production, while ensuring high quality.

The DevOps approach is to include automation and event monitoring at all steps of the software build.
Goals

- Reducing *Time to market*
- Reducing time for changes
- Maintain stability and predictability
- Resource optimization through automation
- Hybrid cloud / Cloud / Self provisioning
State of DevOps Report 2018: Key Findings

COMPARING THE ELITE GROUP AGAINST THE LOW PERFORMERS, WE FIND THAT ELITE PERFORMERS HAVE...

- 46 TIMES MORE frequent code deployments
- 2,555 TIMES FASTER lead time from commit to deploy
- 7 TIMES LOWER change failure rate (changes are 1/7 as likely to fail)
- 2,604 TIMES FASTER time to recover from incidents
DevOps = People + Tools
GitHub

- Code hosting
- Documentation
- Social coding
- Team management
- Integrations
- Collaborative code review
- Project Management
GitHub Enterprise

Unified platform for social coding and collaboration

- Simple compliance
- Centralized permissions and RBAC
- Out of the box monitoring and dashboards
- Technical support
- Flexible hosting options: On-premises / Cloud
- Clustering and HA
Focus on what matters: **code**

- Actions are small bits of code that can be run off of various GitHub events, the most common of which is pushing to master
- Directly integrated with GitHub
- They’re containers all the way down, so you could quite literally do *pretty much anything*
- You can connect up to 100 actions to create a Workflow
Jenkins

• Continuous Integration and Continuous Delivery
• Easy installation and configuration
• Jenkins can be extended via its plugin architecture
• Distributed architecture

Jenkins is the most popular continuous integration and continuous delivery system that increases your productivity and deliver more quality to your applications
• Enterprise Jenkins
• Built for Kubernetes and OpenShift
• Enable Security and Compliance
• Scale to many teams
• Simplify management of admin tasks
• Work with modern and legacy applications
• High availability
• Flexible Deployment Options
TRANSFORM: organizations are transforming software delivery, adopting DevOps and returning business value to their organization from DevOps initiatives

• New CloudBees Core
• CloudBees DevOptics
• CloudBees CodeShip
• CloudBees Starter Kit
• CloudBees Apps
DevOps Reference Architecture

Sources with Dockerfile build image with sources

Container registry

Run test on image

Any infrastructure

API based Automated Monitoring

Store any data Search any data

Add Security and Anomaly Detection in any layer

Machine Learning

Secure your container

GitHub

Kubernetes

OpenShift
Everything as code – Enable GitOps

Operations by Pull Request

- GitHub as a single source of truth
- CloudBees Pipeline fully integrated
- Standard workflow from code to management extended by KiraBOT
- Works great in a cloud native or multi cloud environment
- Manage configurations, automation and legacy infrastructure
- Documentation, markdown, notifications on Slack
- Easy recovery from a total wipeout
Use Case: ChatOps with Kirabot

- Deployed on OpenShift
- Allows to interact with a Jenkins pipeline and a GitHub repo using commands in Slack
NEXT EVENTS

November 6th

WEBINAR – Misura e ottimizza le performance devops con Cloudbees DevOptics

November 28th

WORKSHOP DOCKER & KUBERNETES – ROMA + 1st JENKINS OFFICIAL MEETUP
We’re Hiring

A DevOps Engineer

APPLY AT www.kiratech.it/work-with-us/
THANK YOU!
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