



# Eficode ROOT DevOps Platform

An award-winning one-stop shop  
for DevOps tools



Platinum  
Solution Partner



Advanced  
Consulting  
Partner

Microsoft  
Partner



Gold DevOps  
Gold Application Development

# Managed best-of-breed, multi-vendor tool chains

Eficode ROOT  
Managed  
Services

On-demand support and consulting via service desk

Upgrades, updates, incident management, license management, hosting

Eficode ROOT  
Problem  
Solvers

Centralized access management

Visibility across the tool chain

40+ devops  
assembly line  
tools to choose  
from,  
pre-integrated



# A Platform for Continuous Improvement



Efficient and highly automated  
software production line



End to end visibility to all  
production phases



Continuous operational  
improvement

# A platform for DevOps tax reduction

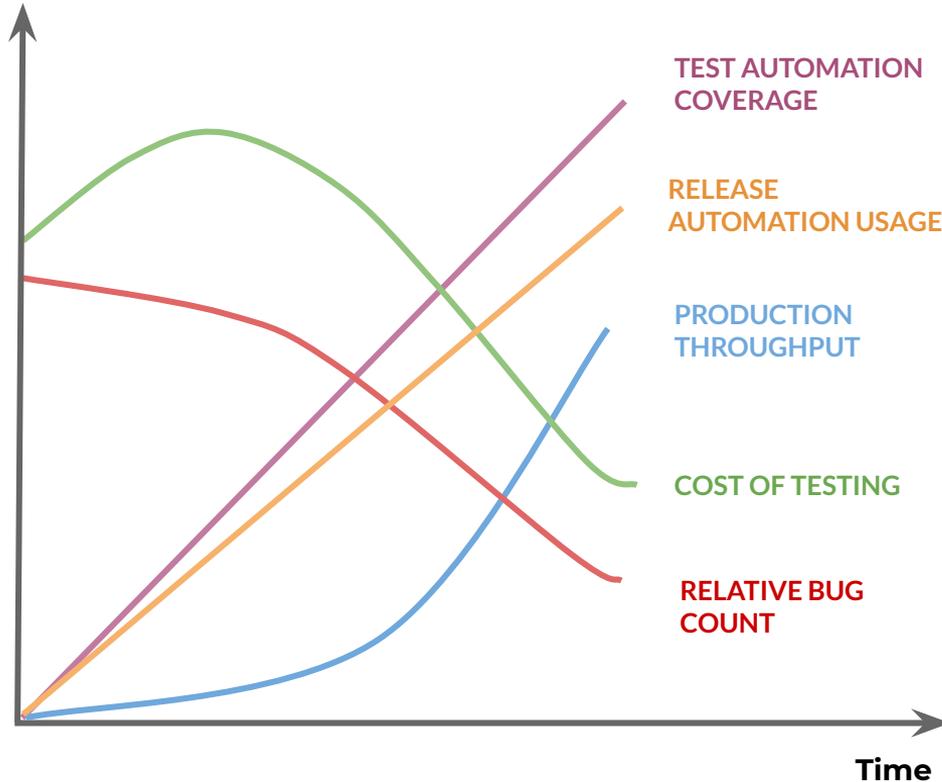
***Many dev teams see a “DevOps tax” on their team of approximately 10%. This means 10% of their dev team is devoted to maintaining the DevOps toolchain”***

Source: Forrester (2018)

## WITH FLEXIBILITY IN TOOL SELECTION

- Complex, integrated devops toolchains are costly to build and maintain. Maintenance work creates a real burden to the dev team and reduces their delivery efficiency significantly.
- As a managed DevOps platform, Eficode ROOT provides a cost effective solution for reducing the “Devops tax”, while giving the customer freedom of choice in terms of tool selection.

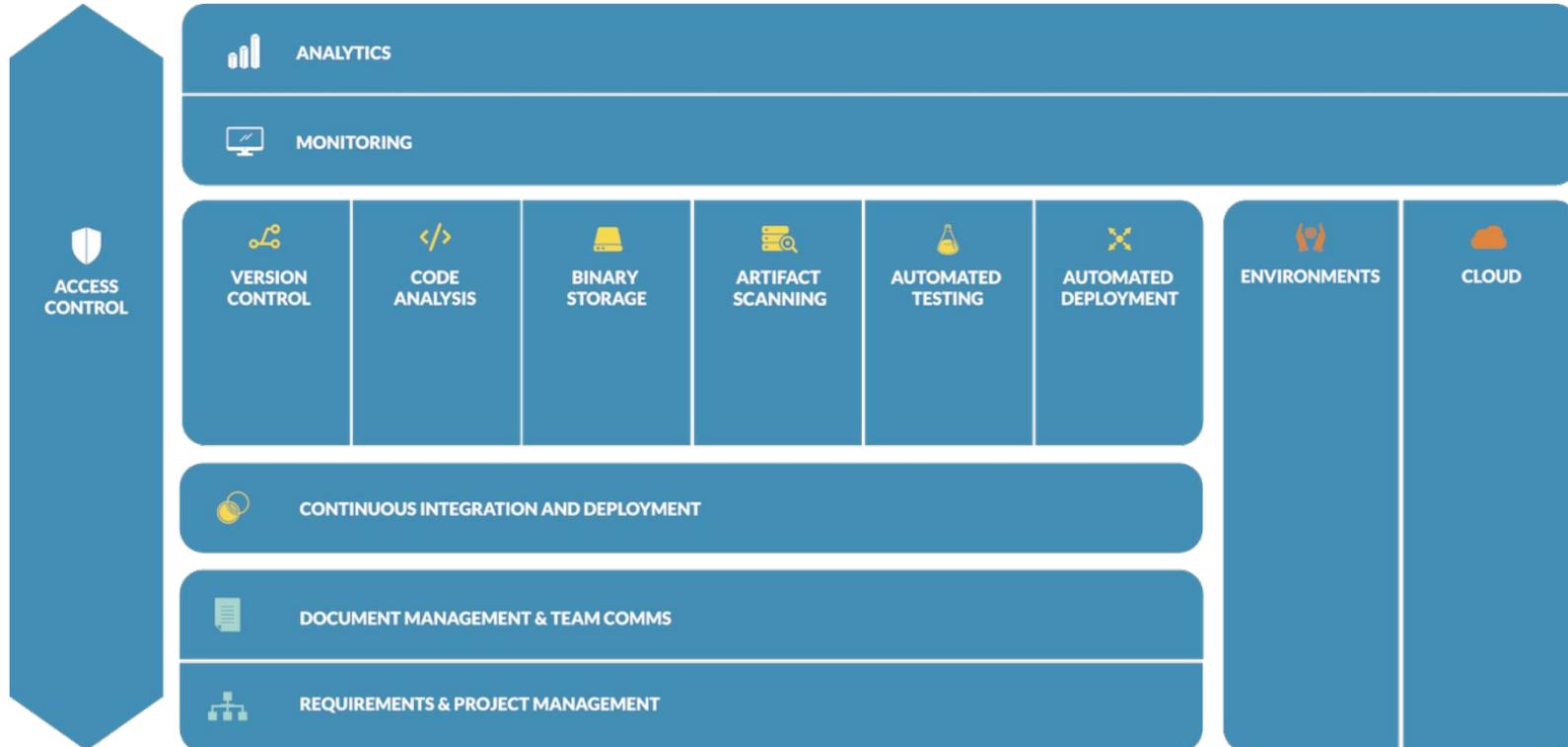
# Focus on the essential



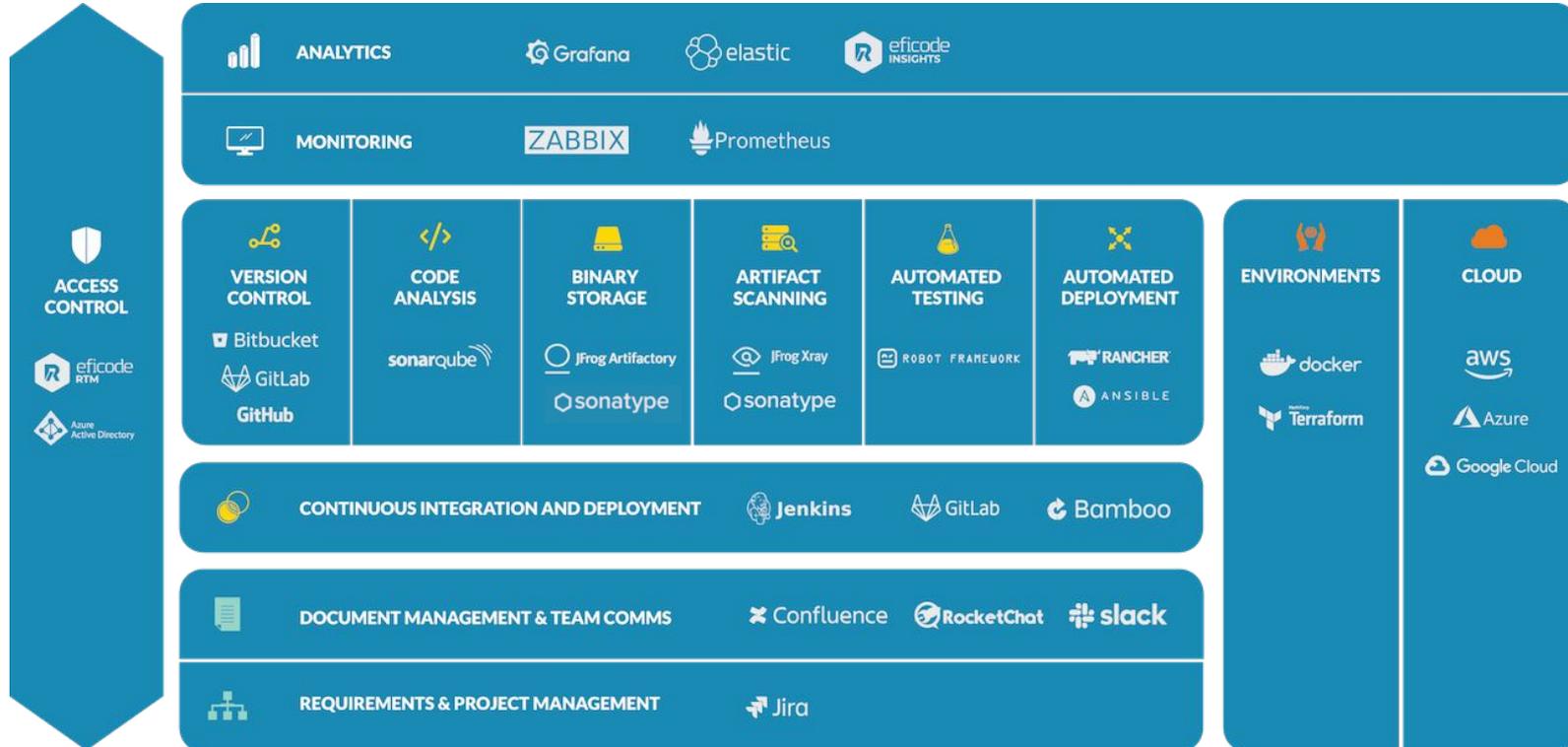
## PLACE YOUR FOCUS ON WORK THAT ACTUALLY COUNTS

- Continuous automated testing speeds up development, reduces testing costs and helps you to catch bugs earlier in the development cycle
- Combined continuous deployment, monitoring and performance analytics, you can bring value to your customers faster and create strong competitive advantage

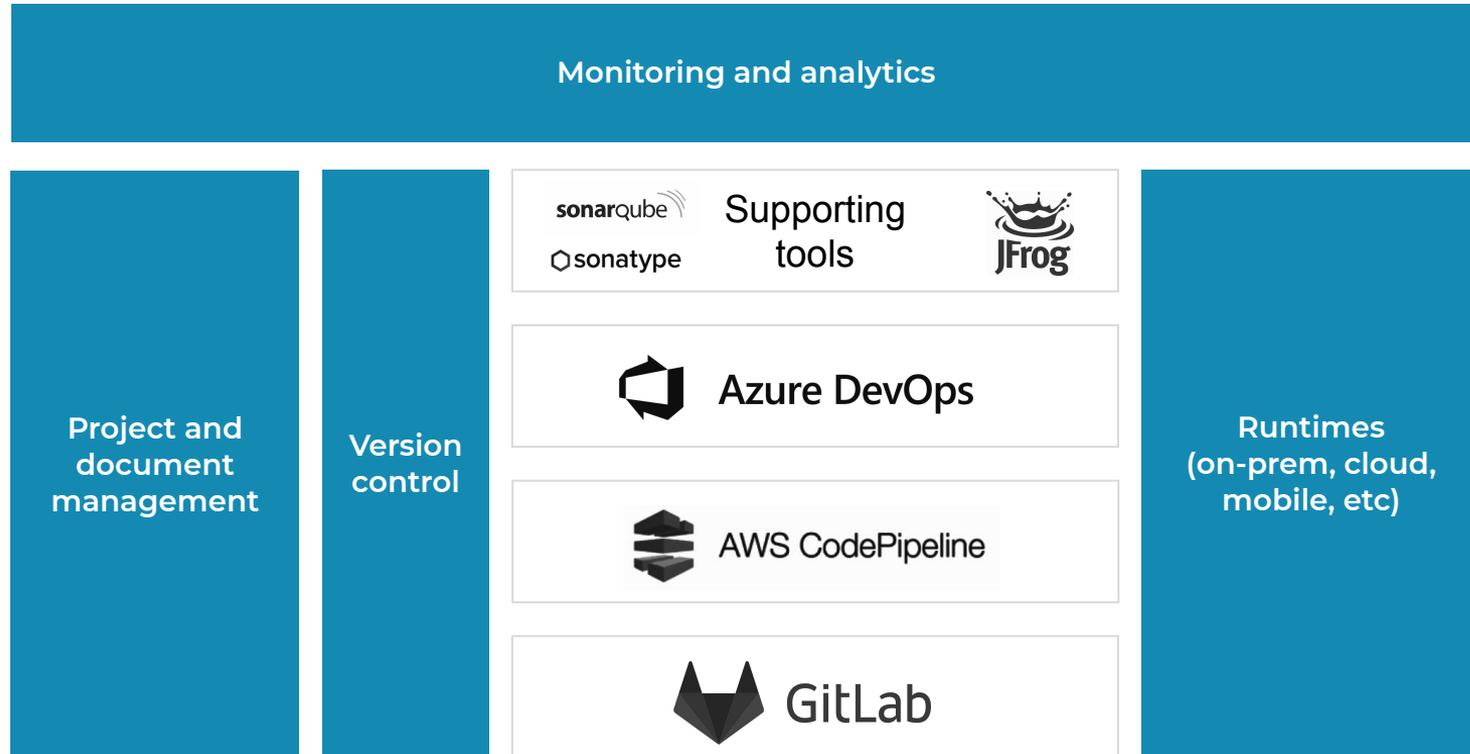
# Reference architecture



# Reference tooling



# Support for Cloud Native and Hybrid CI systems



# Eficode ROOT services



## RAMP-UP

System Integration  
Training  
Project Onboarding  
Customization



## OPERATIONS

Maintenance  
Support  
Hosting



## DEVELOPMENT

Platform Evolution  
Consulting

# Environment options



## EFICODE HOSTED PRIVATE CLOUD

- ROOT platform runs on an Eficode maintained private cloud platform
- Eficode takes responsibility of the whole service operation
- Monthly support and maintenance fee
- SLA applies throughout the platform functionality



## ON PREMISE

- ROOT platform runs in the customer IT-infrastructure
- At minimum, Eficode takes responsibility of the Root application stack
- Monthly support and maintenance fee
- SLA applies throughout the platform functionality *as applicable*



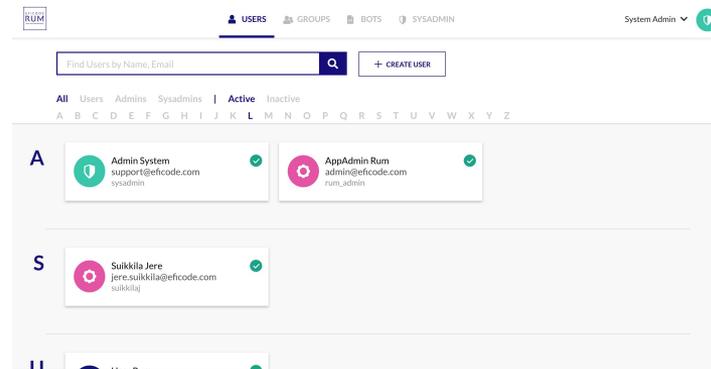
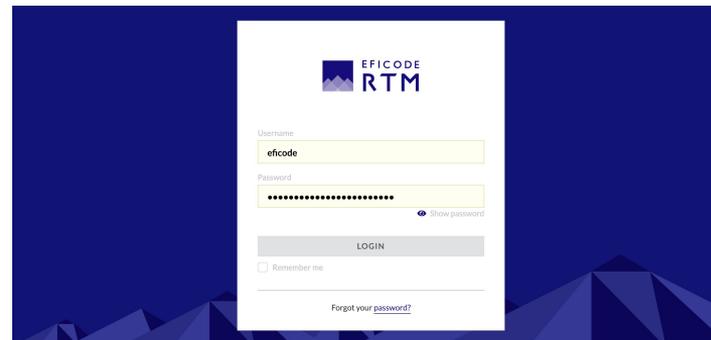
## PUBLIC CLOUD

- ROOT platform runs in a public cloud service (e.g. AWS, Azure, GCP)
- Eficode takes responsibility of the whole service operation
- Monthly support and maintenance fee
- SLA applies throughout the platform functionality *as applicable*

# EFICODE ROOT Team Management (RTM)

## - Agile Access Control

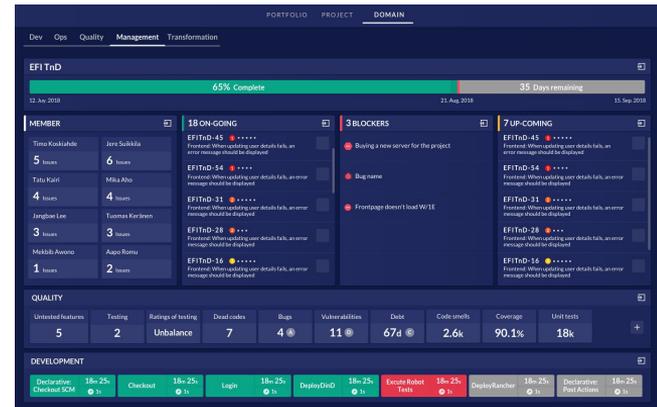
- Centralized user management system that serves the whole tool chain
- Self service user management
  - Removes the need to request basic permissions via company AD admin
  - Enables easy onboarding and offboarding of project personnel
- Bot user management
  - Shared bot accounts for automated devops processes and tool integrations
- Integrates with corporate LDAP/AD
  - Authentications can be done against RTM or Corporate LDAP



# EFICODE ROOT Insights

## - Visibility across the toolchain

- Centralized project metrics dashboards - removes the need to jump between tools to get an overview of the project status
- Built-in dashboard compilations that combine metrics from multiple sources - designed for management, quality, and development. Links with more detailed, tool specific data.
- Enables real-time project level devops transformation and devops tool usage tracking - version control, CI automation, testing, etc.
- First-hand, measurable evidence of the project performance over time - identify outperforming projects to be used as internal benchmarks
- Supports integration with data analytics tools (e.g. Microsoft Power BI, Tableau) for capturing custom KPI metrics



# Extendable Eficode ROOT Insights Framework

Eficode ROOT Insights support, maintenance and development

Presentation logic

Built-in ROOT Insights dashboards

External business intelligence tooling  
(Power BI, Tableau)

ROOT Insights data collector framework

Database(s)

Ticket / req.  
Workflow

CI/CD pipeline

Code analysis

Test reports

Monitoring  
data

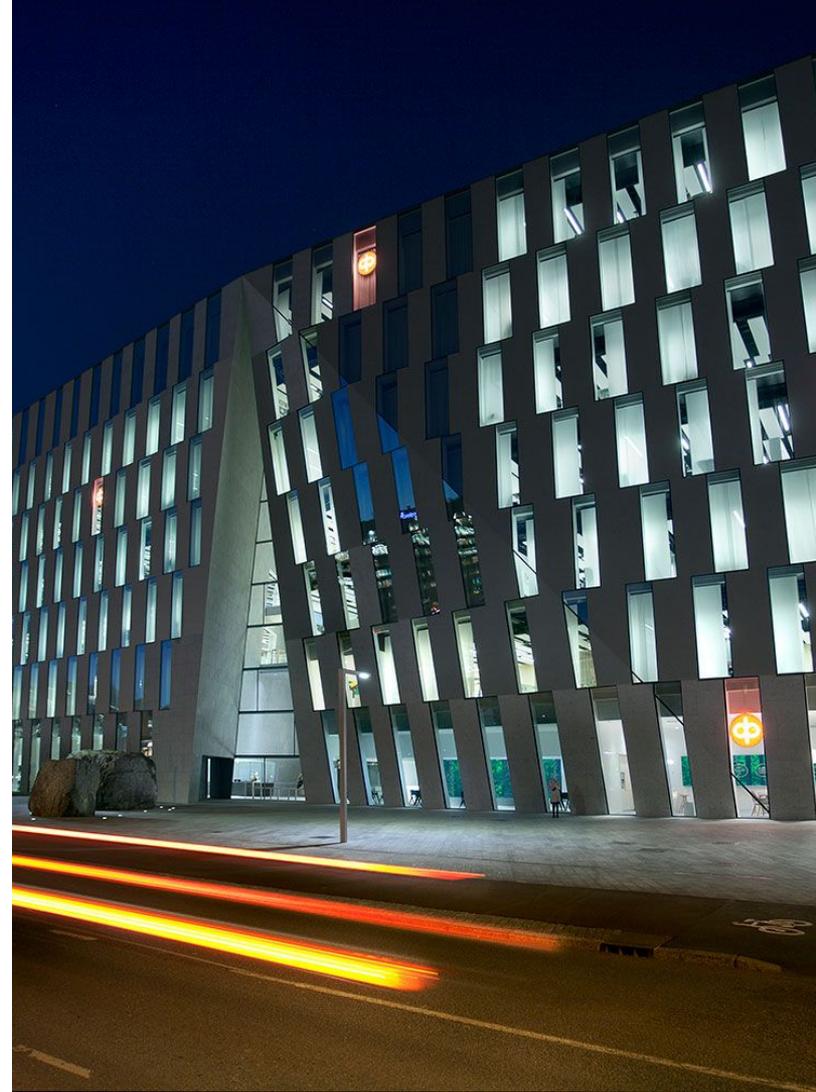
Data sources

# OP Financial Services

## Finely tuned software development speeds up everything

Many software development operations for OP have been outsourced to third parties. To coordinate work across multiple parties, some common tools are required and optimally the development organization doesn't have to worry about maintaining them. Eficode takes care of the shared environments used by all parties to provide reliable services so developers can focus their efforts on software development itself.

Platform consists of SVN- and Git version control systems, requirement management as well as documentation management tools, CI servers and artifact storage as a comprehensive, always-available service.





## DNA

### **Save time, improve quality, and increase revenue with DevOps**

Significant cost savings for the entire organization

DNA, a Finnish telecom company, has benefited tremendously from adopting Devops practices in its multi-vendor environment with Eficode's strong support. "Without Devops practices, building the same capabilities would have had operational and development costs of several thousand euros per hour," says DNA Change and Release Manager Mikael Kuisma. He estimates that "annual savings range from millions to tens of millions, when also accounting for the faster launching of products and the ability to respond more rapidly to changing market conditions."



# Bankdata

“We use Atlassian tools to optimize several of our products. Eficode is continuously guiding us with their DevOps expertise, to make the most efficient use of our Atlassian suite,”

## **Kenneth Jes Juliussen**

*Head of Development Support at Bankdata*

Bankdata is one of the largest financial technology companies in Denmark.





## VR

### DevOps Transformation for Centralised Platforms

VR Group offers to its partners a platform that encourages to better software development. This platform also makes it possible for the whole organization to uplift all of their projects to be truly Devops oriented. The platform is built from both development and operations tools, centralized in one common place for all.

***“There were multiple reasons to get the Devops Platform, but most important for us was the ability to centralize VR Group’s software development from subcontractors’ systems under our own roof as well as make it possible to develop software in the future faster, yet sustaining high quality based on test automation and automatic deployments. Devops Platform brings cost savings without the worry of upgrading or maintaining the servers and software tools.”***

Markus Niskanen, VR Group’s system architect



# Rovio

## Automated software production line

Rovio Entertainment, having risen to worldwide fame due to its Angry Birds characters, creates solid results. The company wants to keep players' fingers busy far into the future by continually bringing to the market increasingly insightful games and other products. Consequently, Eficode's DevOps team was given the honour to help Rovio produce games even faster, while actively answering to the business requirements.

Developers can now concentrate on what matters the most: Smooth development - from prototype to game recipes to devices.





# Valmet Automotive

## Automotive Software Dev Environments

Around 250 Valmet Automotive staff members and subcontractors work in software development. Instead of eating the expenditure, Valmet Automotive wanted to modernise its software development operations and free up time from maintaining environments to concentrate on core activities.

The service we delivered operates on the Software as a Service model. Now, Valmet Automotive do not have to worry about maintaining their software development environment. The Eficode team take care of the environment from start to finish – monitoring, updates and fixes – always available.

**valmet automotive**



**eficode**



# Thank you!

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