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Company Profile

Telecom

Elinext Company Overview

Since 1997

In custom software development

7

Development centers in Europe and Asia

700+

In-house employees 85% are software engineers

300+

Clients worldwide

Focus on specific domains:

- Web & Mobile Apps
- UI/UX Design
- CRM & Customer Engagement

- ERP & Asset Management
- IoT & Infrastructure Management
- Cloud Computing & SaaS Development

- Blockchain
- DevOps

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Technologies

Backend

Java

Python

Node.js

.NET/C#

C/C++

Solidity

PHP

Frontend

React.js

Javascript

Angular

Typescript

Vue.js

Mobile

Kotlin

Swift

Flutter

React
Native

Cloud

AWS

Azure

GCP

Digital
Ocean

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Quality Certified

Ensured by Elinext Management System:

LL-C (Certification) **ISO 9001**

Certified Quality Management

LL-C (Certification) **ISO 27001**

Certified Information Security Management

Google Cloud Certified — PROFESSIONAL CLOUD ARCHITECT

Google Cloud Certified

aws certified — Solutions Architect — Associate

AWS Certified

Microsoft CERTIFIED — AZURE SOLUTIONS ARCHITECT — EXPERT

MS Azure Certified

Proven by dedicated external audits:

- Code Review
- Static Analysis
- Dynamic analysis
- QA and unit-tests
- Continuous Integration
- Rules and processes

Continuous competence development:

- Best-practice and knowledge sharing in onboarding process.
- Professional trainings, including external courses.
- Developer conferences and international hackathons

We develop medical solutions strictly in line with product/process quality and security standards, including:

LL-C (Certification) ISO 9001	LL-C (Certification) ISO 27001	ISO ISO 50001 ENERGY MANAGEMENT	ISO 14001
ISO 9001	ISO 27001	ISO 50001	ISO 14001
TL9000	ESD ASSOCIATION ANSI/ESD-S20.20	OHSAS 18001	ISO 45001
TL 9000	ANSI/ESD S20.20	OHSAS 18001	ISO 45001

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Telecom Clients

BROADCOM®

Broadcom is a global technology company known for its semiconductor and infrastructure software solutions. They offer a diverse range of products and services for networking, telecommunications, and data centers, supporting businesses in their digital transformation efforts.

Over 12 Years; Ongoing Project

Over 70 Developers, 19 QA Specialists

Dedicated Team

EWE

High-speed service for our customers EWE is one of Germany's largest regional telecommunications service providers.

Ongoing Project Since 2021

1 Team Leader, 5 Full-Stack Middle-Senior Developers, A Senior DevOps Engineer, A Business Analyst, A QA Specialist

Time And Materials

AXON

Axon is a prominent provider of law enforcement technology solutions, specializing in products and services related to public safety and policing.

Ongoing Project Since 2021

A Solution Architect, 6 Senior-Level Developers, 7 Mid-Level Developers, 1 Senior-Level QA Automation Engineer And A Project Manager

Time And Materials

SIGNACERT®
The Power of Being Correct™

SignaCert is a leading provider of cybersecurity solutions, specializing in digital trust and integrity verification.

Duration: 1 Year

8 People

Dedicated Team

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Telecom Expertise

Custom VOIP Solutions		
✚ Call management	✚ Automatic call distribution	✚ Voicemail functionality
✚ Auto dialers and predictive dialers	✚ Peer-to-peer and multi-party video conferencing solutions	✚ Text messaging

Network Management Systems		
✚ Network design and planning	✚ Network configurations management	✚ Network availability and performance monitoring
✚ Network functions and services automation	✚ AI-powered network analytics	

Service Fulfillment Solutions		
✚ Centralized service catalogs	✚ Rule-based service activation and provision	✚ ML-driven traffic forecasting
✚ Quality of Service (QoS) monitoring	✚ Service orchestration across a hybrid network	

eliNext

AI-Tool For Monitoring Telecom Networks Worldwide

Elinext team helped pioneer a one-of-a-kind solution that pairs virtual and physical network switches in the same interface to allow end users to effectively maintain complex IT infrastructures.
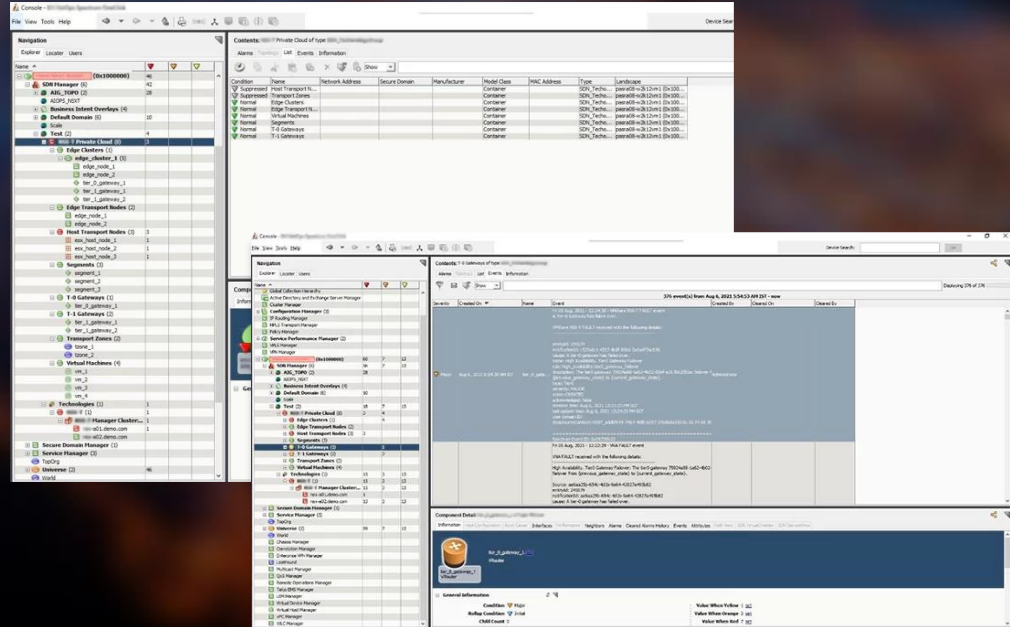
Learn More ->

Features

- Establishing a data exchange between physical and virtual components to localize potential issues with ease
- Developing a user-friendly web interface with hundreds of metrics and advanced analytics
- Network monitoring simulator for autonomous testing

Technologies

- JAVA
- SPRING
- HIBERNATE
- REACT
- JMS

- PHP
- C/C++
- ORACLE
- MYSQL
- AJAX

CLIENT

A multinational telecom software and hardware provider

Remote Network And Router Management Platform

The project is a software platform for seamless subscriber management and end-to-end network visibility. It consists of a website, a set of analytics tools and a command-line interface. The system processes around 1,000,000 payloads from 1,000,000 routers per second.
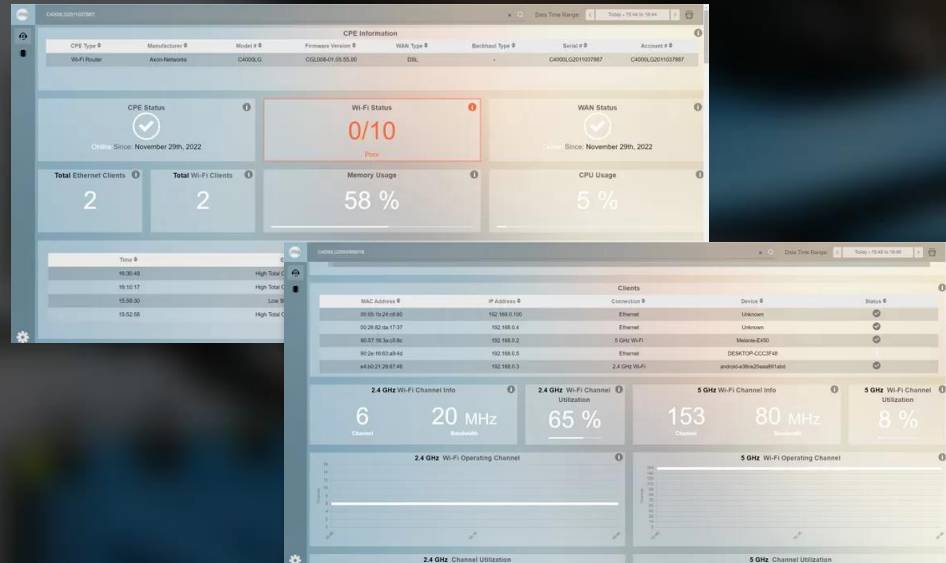
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Features

- Microservices-based architecture to support huge data throughput and scalability
- Cloud adapters for routers (CPE) and firmware
- Real-time analytics
- Compliance with telecommunication standards

Technologies

- GO
- KUBERNETES
- JAVA
- KOTLIN
- POSTGRESQL
- SPRING
- AWS S3
- REACT
- PYTHON
- MONGODB

Fiber-Optic Network Planning Software

Initially tasked with improving a routing service for the client's core platform, our team's skills exceeded expectations. This led to our involvement in replacing the old algorithm and further enhancing the system, ultimately reducing the cable coverage costs for the client.
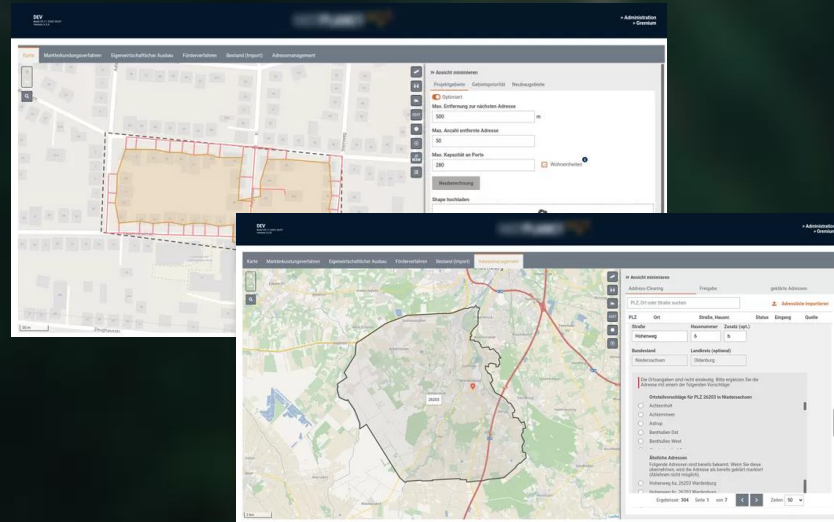
Learn More ->

Features

- A map with different layers for current cable pipes infrastructure, installed optical fiber, wiring cabinets, etc.
- Optimal cable installation route calculation
- Integrating the what3words API for easy sector naming
- Address management

Technologies

- JAVA
- SPRING
- REACT
- POSTGRESQL

CLIENT

A German energy and telecom supplier

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IT Integrity Management System

The client engaged Elinext to work on the management console for the system that ensures IT integrity management across different devices within the enterprise, from servers, network devices, and databases to desktops and mobile devices.
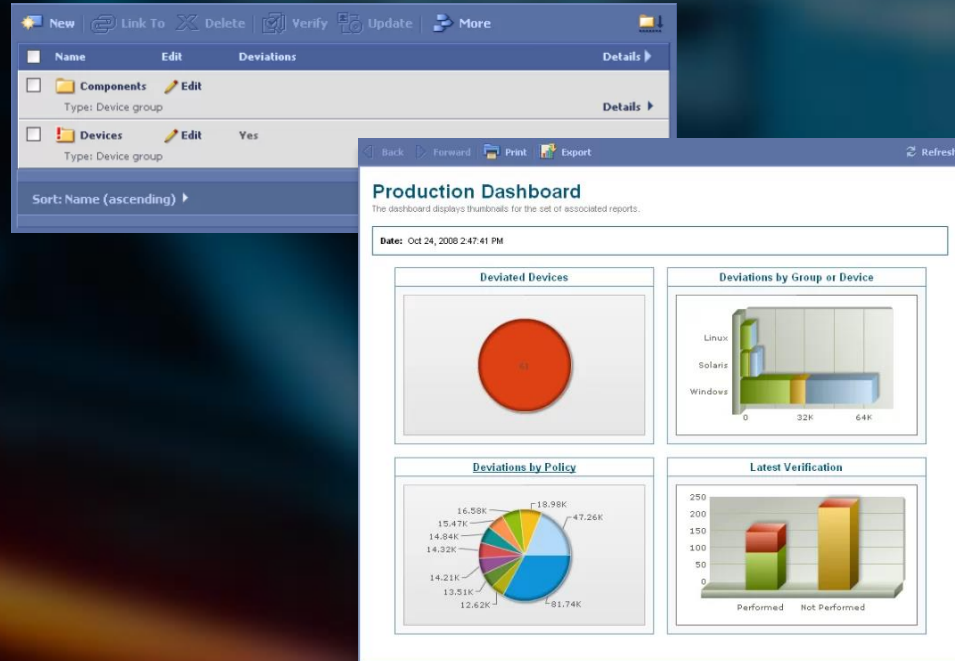
Learn More ->

Features

- Tracking objects, users, devices in real time
- Detecting problems and deviations as soon as they arise
- Providing comprehensive reporting

Technologies

- JOVAL
- JAVA
- SPRING
- HIBERNATE/ JPA

- OVAL
- MARIA DB
- POSTGRESQL
- DEVOPS

CLIENT

A US-based telecom company

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Quality Assurance For an IT Infrastructure Management Platform

For over 12 years, the Elinext team has been providing QA services for a system comprising 50 modules. The system collects and monitors heterogeneous data sets across a range of multi-vendor network hardware and software.
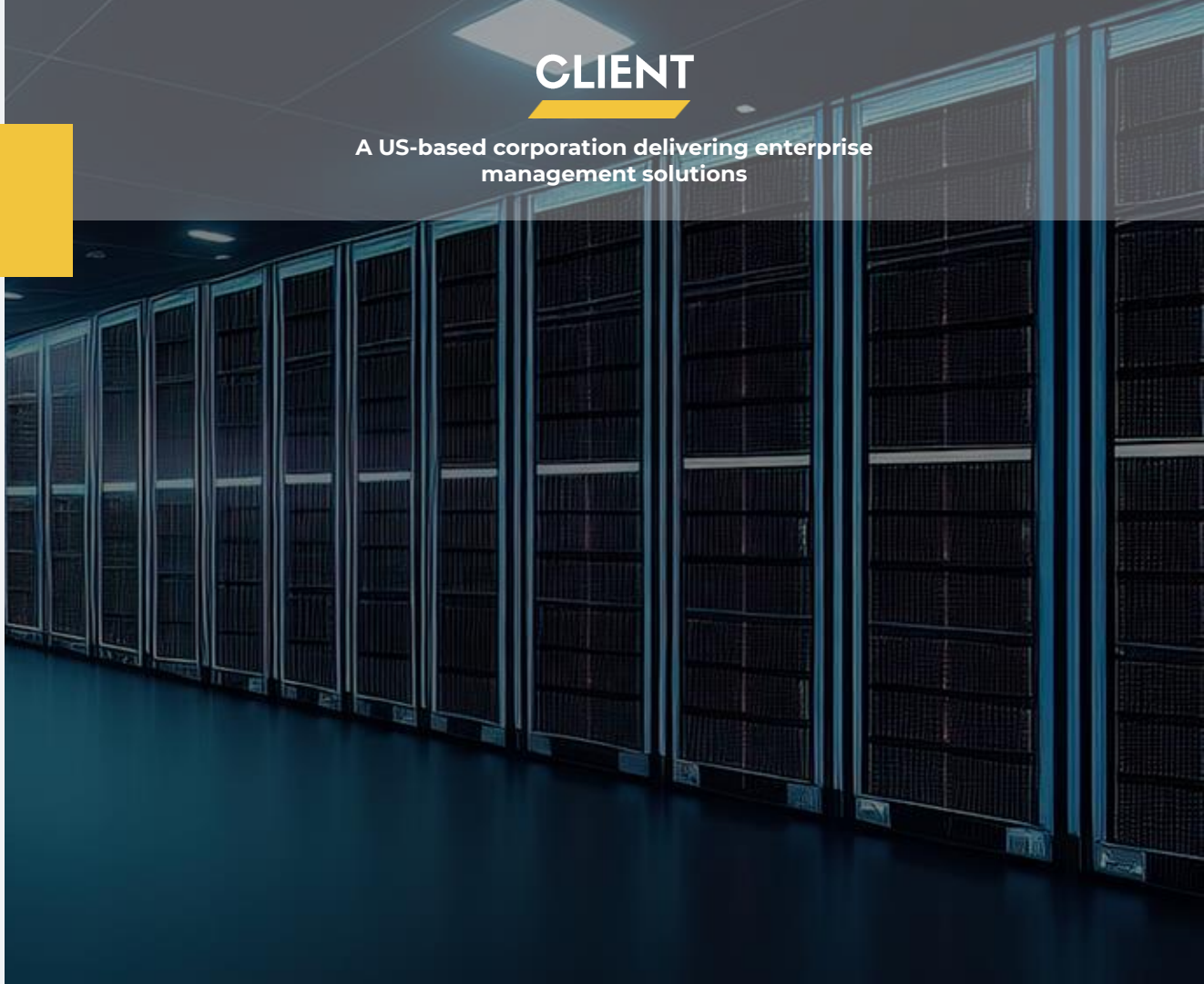
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Features

- Analysis of business processes, requirements, and specifications
- System analysis
- Testing strategies development
- Test automation and execution
- Reporting on the testing progress, defects, and product quality

Technologies

- TESTING
- QA

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Virtualization Manager Of Internal Infrastructure

To simplify infrastructure management after migration to Google Cloud, Elinext developed AIOps Self-service Portal — a flexible and easy-to-use solution that increased employee productivity and reduced the costs of maintaining the infrastructure.
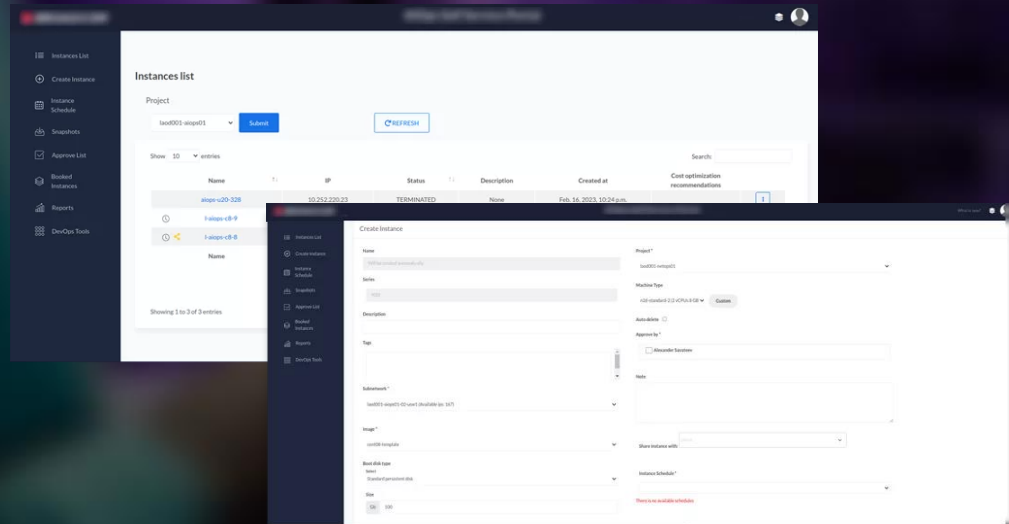
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Features

- Tracking all virtual machines across all projects)
- VM auto-deletion
- Instance auto-scheduling
- Auto-naming
- User instances report
- Jenkins integration to automate CI/CD pipeline

Technologies

- DJANGO
- CELERY
- RABBITMQ
- GCP
- PYTHON
- CSS
- HTML

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A Solution To Simplify The Installation Of Industrial Telecom Software

The client turned to Elinext to develop an installer app for smooth deployment of software solutions in end customers' systems. Despite the complex logic, the app is very easy to use from the user's perspective.

Learn More ->

Features

- Silent mode for uploading YML files with inputs from a previous installation or filled in manually
- Interactive mode where the program asks about environment and products
- Validating input through Kubernetes or OpenShift cluster
- Docker-based deployment

Technologies

- JAVA
- QA
- LINUX SHELL

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CLIENT

A global technology company that delivers infrastructure management solutions

CI/CD Optimization And Automation

Working with a wide range of infrastructure solutions, the client tasked the Elinext team with developing an automated and easy-to-maintain CI/CD pipeline. The resulting solution has led to reducing the development by 40%.
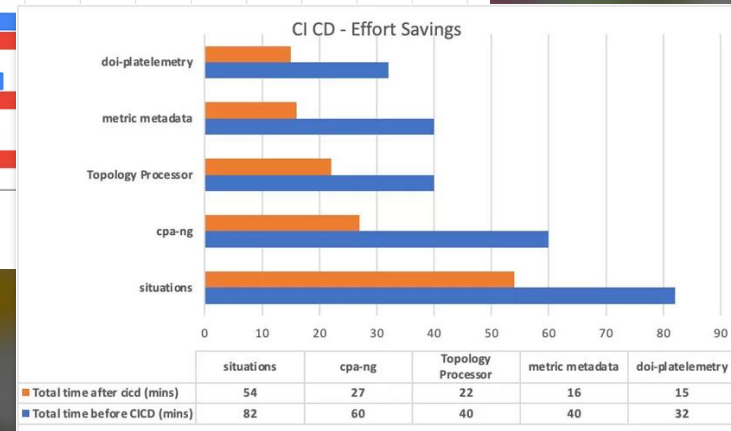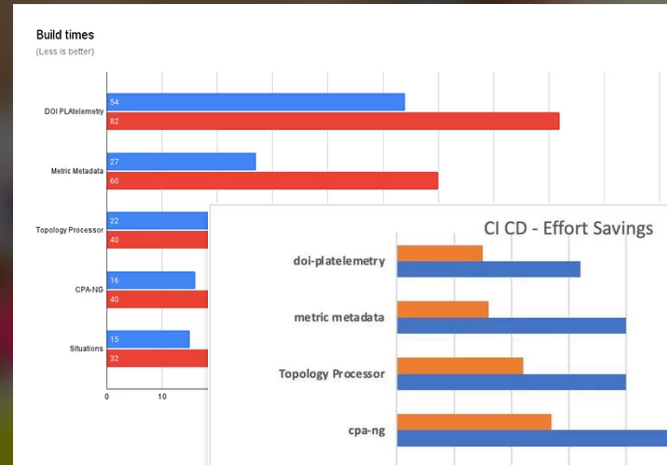
Learn More ->

Features

- CI/CD pipeline customization according to project needs
- Fast and easy components configuration
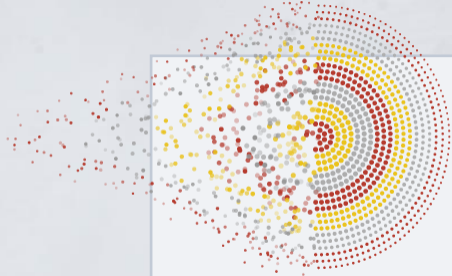- The ability to skip certain build stages

Technologies

- JENKINS
- GROOVY
- QA

Build times
(Less is better)

	DOI PLAtelemetry	Metric Metadata	Topology Processor	CPA-NG	Situations
	54 / 62	27 / 60	22 / 40	16 / 40	15 / 32

CI CD - Effort Savings

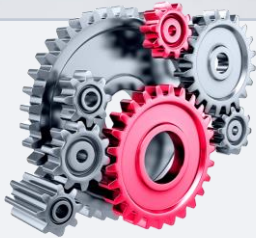|	situations	cpa-ng	Topology Processor	metric metadata	doi-platelemetry
Total time after cicd (mins)	54	27	22	16	15
Total time before CICD (mins)	82	60	40	40	32

Solutions We Deliver

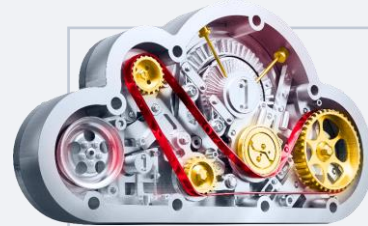**Data Management & Big Data**

Business Intelligence / Analytics

Artificial Intelligence, Machine Learning, Robotic Process Automation

Quality Assurance

Internet of Things

Cloud-Solutions

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Cooperation Models

Fixed Cost

- To freeze project costs having a very detailed scope of work and schedule

- To avoid investing too much time in budget control and project tracking

- To develop an MVP or a small-scale product under $50,000 USD

- To have a high level of predictability

Time and Materials

- To be agile and adapt quickly your product to the market demand and internal needs

- To control the project costs and progress but it is difficult to define upfront scope, schedule and scope outlines

- To decrease costs by saving money calculated by the IT vendor for possible project risks

Dedicated Team

- To extend your team's capacity

- To add specific knowledge or skills to your team

- To speed up your development process quickly

- To rely on the vendor's dev team as if it was sitting in our office

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Quality Delivered by the Team
(Agile Model)

Discovery and Design phase
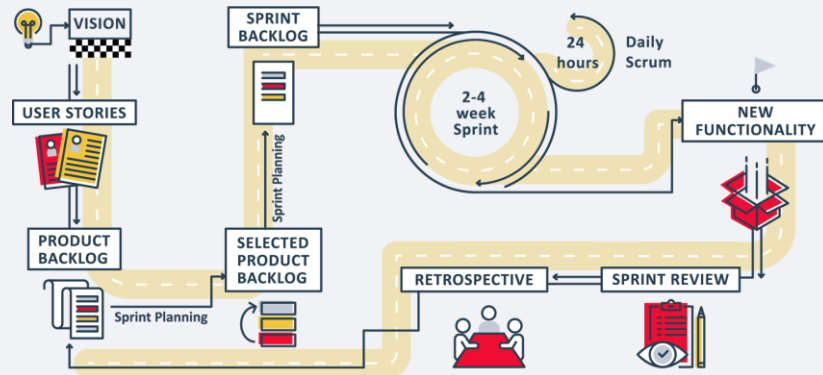
- Team setup
- Plan and prepare
- Refine requirements (Functional and Non-Functional)

- Design
- Architecture
- Infrastructure
- Product backlog

Development – 1 sprint (1-2 weeks) – recurring till the final delivery

- Sprint backlog and planning
- Feature(s)
- "Ready for Release"

- Sprint backlog and planning
- Feature(s)
- "Ready for Release"

Initial Analysis of requirements, planning, UI/UX Design (1-4 sprints):

- Proof features and their priority by value and complexity

- Design a truly flexible and future-proof solution

- Plan an effective communication model

- Ensure further possibility to develop several services/ features in parallel

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Let's set up a powerful collaboration!

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