# RAPID™
NEXT-GEN DEVOPS PLATFORM

# 'RAPID' ENGINEERING PLATFORM

Enabling digital transformation

Automate engineering process, build integration through deployment and mitigate infrastructure bottlenecks.

- ❖ Automated pipeline management for build, test and deployment
- ❖ Project and user groups set-up & management
- ❖ Template driven automated infrastructure provisioning & environment creation
- ❖ Out-of-the-box standard templates for pipeline & infrastructure design
- ❖ Integrated code quality analysis with test automation & management
- ❖ Automated deployment with integrated environment & network monitoring
- ❖ Reports & dashboards for all stages, roles and activities across the pipeline
- ❖ 40% faster time-to-market with reusable templates, test assets and scripts

SONATA
SONATA SOFTWARE

From Sonata Software - The Platformation Company

# RAPID engineering platform enabling digital transformation

**Shifting customer expectations**, evolving business models and disruptive technologies are driving a change in the digital space that is pushing enterprises to adopt newer development practices to deliver high quality solutions faster.

While organizations have leveraged newer technologies and automated processes to align to this digital shift, they face two key issues:

1. Focus on CI/CD instead of pipeline automation

2. Infrastructure anomalies and provisioning delays

Due to these issues, teams resort to manual steps & checks in deployment and release processes, thereby expending more time and effort for feature releases.

## Powering digital engineering and infrastructure foundation

Sonata's RAPID, an engineering platform focused on full automation resolves these issues by not only automating the engineering process from build integration through deployment but also helping to mitigate infrastructure bottlenecks with a variety of automation and blueprinting solutions.

## RAPID can steer you on your digital journey by helping you:

❖ **Accelerate time-to-market** with high quality solutions leveraging automation across the pipeline

❖ **Optimize process efficiencies** by automated infrastructure provisioning, maintenance and monitoring.

❖ **Reduce tech debt** with automated code verification, unit & regression tests built into the pipeline

**Reduce time to market by 40% and infrastructure set-up & deployment effort by 50% with RAPID. Get started and get ahead on the digital transformation journey with RAPID!**

## 64%

Of the respondents reported that they were dissatisfied with **"the time it takes to release features for customers"**

- Forrester Survey, 2017

Environment complexities amplify with the velocity of development cycles.

**Solutions such as blueprinting allow for standardization and automation of sandboxes in pipelines streamlines release management and delivery**

- Forbes Technology Council

## CUSTOMER SUCCESS

**LEADING MORTGAGE PROVIDER IN THE US**

### Transformed QA with RAPID platform

Sonata's RAPID platform provided a comprehensive regression testing of the client's loan servicing application when it was re-engineered to a cloud based solution. Client has been able to save close to 40% of testing costs in application testing and reduced manual effort in test management.

## 40%

**REDUCTION**
In testing costs

**GLOBAL CONSUMER GOODS COMPANY**

### Achieved shorter roll-out timelines with test and release automation

Sonata's client leveraged RAPID engineering platform to reduce the time to release their online shopping portal to multiple geographies. Client met their business goal of providing consistent experience to their customers across the globe.

## 30%

**REDUCTION**
In time to release

**CONNECTED**          **INTELLIGENT**          **OPEN**          **SCALABLE**

| Connectivity and interfaces for multiple enterprise systems, tools and platforms | Integrated reporting, data analytics, and monitoring frameworks for optimal process efficiency | Micro-services based architecture, integrated code and infrastructure security framework | Supports multiple technologies & tools, and growth in projects and environments |
|---|---|---|---|

## PIPELINE MANAGEMENT

### Quick setup and execution with fully automated process pipelines

| Automated Pipelines | ❖ Increase application velocity while ensuring quality | Standard Pipelines for Integration, Testing and Deployment; Custom Pipeline Creation |
|---|---|---|
| Templates | ❖ Apply best practices faster and increase re-use | Pipeline Templates for Continuous Integration, Testing, and Deployment; Tool and Infrastructure Design |
| Reporting & Dashboards | ❖ Provide insights and aid better decision making | Code Quality, Traceability, and Testing; Infrastructure, Deployment Status, and Monitoring |

## QUALITY MANAGEMENT

### Measurable quality & product maturity | 100% traceability of specifications through the product lifecycle

| Code Management | ❖ Improve quality and reduce down-stream testing effort | Code Quality & Coverage Analysis<br>Automated Code Compilation |
|---|---|---|
| Test Management | ❖ Provide unified view across all types of testing | Functional, Regression and Performance Testing<br>Mobility and Security Testing |
| Projects & User Groups | ❖ Reduce testing set-up time for projects and users | Project Setup, Progress Dashboards, Repository<br>User Groups and Security Permissions |

## INFRASTRUCTURE & MONITORING MANAGEMENT

### Single click setup of instances | Remote monitoring of all instances and environments

| Automated Environment Provisioning | ❖ Provide right environments faster for all devops operations | Environment Management, Infrastructure Blueprints<br>Shared & Dedicated Infrastructure Models |
|---|---|---|
| Deployment Automation | ❖ Orchestrate on-premise, cloud and hybrid deployments | Application & Tool Deployment<br>Infrastructure Instance Provisioning, Cloud Support |
| Monitoring | ❖ Improve responsiveness and reduce defect detection time | Resources, Process and Performance Monitoring<br>Monitoring Metrics and Logs |

### Deep expertise in Testing and DevOps

15+ years in managed testing services spanning industry segments of Retail, CPG, Travel, Manufacturing and Financial services, and niche expertise in test automation services.

Expertise, experience and success in the DevOps services space including assessment, development and support services for enterprise customers.

### Best-in-class tools, technologies and frameworks leverage

Platformation framework, delivery pipeline automation & infrastructure provisioning technologies, and implementation experience in enabling organizations to build and roll-out Connected, Intelligent, Open and Scalable systems
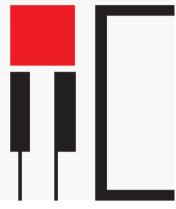
### Best-fit solutions for enterprises

Sonata's platformation approach helps clients to choose a solution that best fits their needs; balancing readily available platforms and solution customization

Right fit team with best-fit skill mix for every engagement

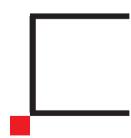Scalability and extensibility built into the approach

### Rapid time to market

Sonata IP 'RAPID' for engineering & delivering world class products faster

Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation methodology, reflect the company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezopia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.

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