

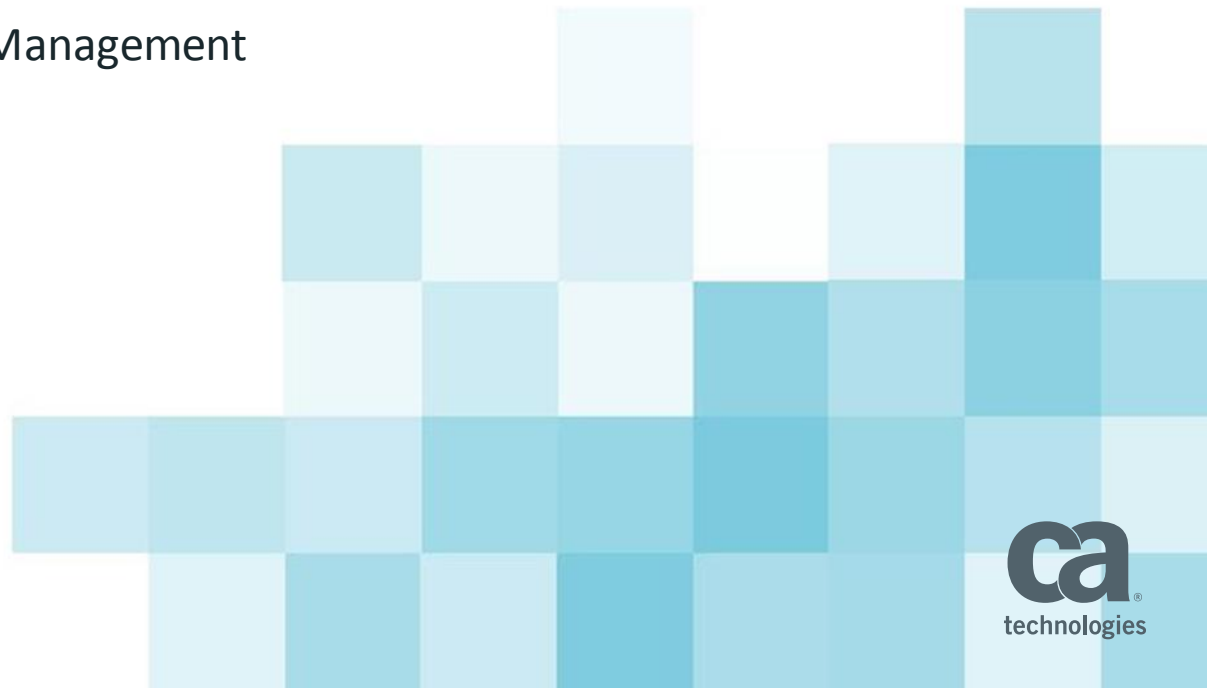
# CA Release Automation 5.5

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# Join the CA Release Automation Community

*Get started today...*



A place where members can go 24x7 to collaborate about CA's software solutions. A forum that enables customers, partners & CA employees to help one another solve problems, learn, connect and share information.

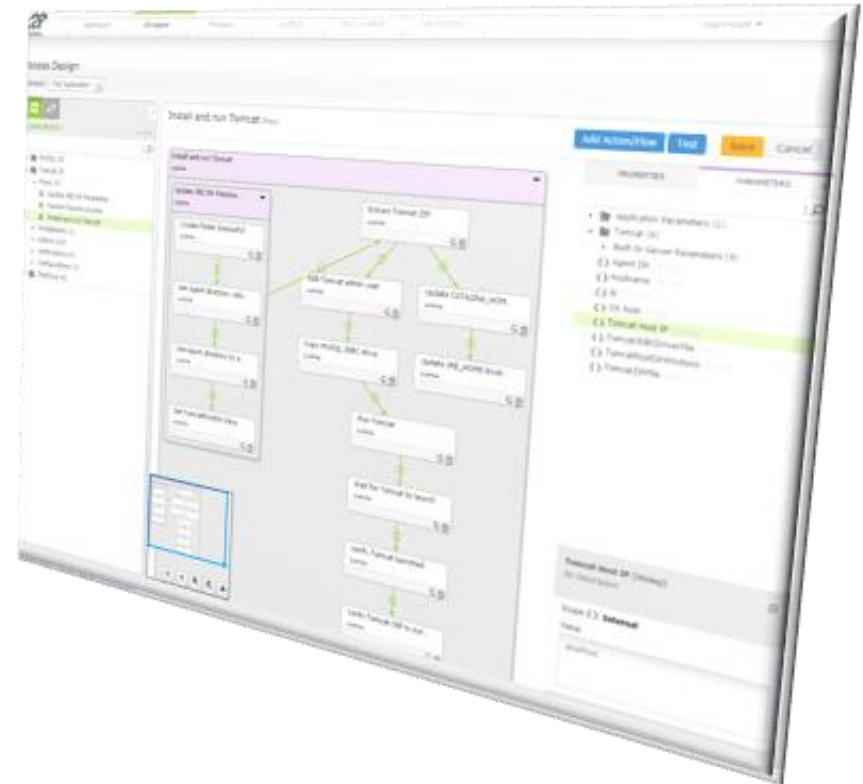
- Register for CA Communities and build your personal profile page
- **"Follow"** the CA Release Automation Community for resources & events
- **"Follow"** the Water Cooler community for general discussion and Training



<https://communities.ca.com/community/ca-release-automation>

# Announcing CA Release Automation v5.5

- GA December 22, 2014
  - Shared Components
  - New User Interface
  - Consolidated Dashboard
  - Chef Integration
  - Rapid Development Kit
- Demo
- Q&A



# Release Automation v5.5 – Areas of Focus

*GA December 22, 2014*

## Release Automation

New core product features for improved productivity and accelerate deployment process

## Ease Of Use

Improve usability and simplify common workflows

## Enterprise Readiness

Improved scalability and performance for large scale enterprise usage

## Cloud and Configuration Management

Provide tight integration and seamless support to provisioning and configuration solutions

## Release Orchestration

New and enhanced Action Packs for integration with 3rd party technologies

## Reporting

New central, customizable portal for insight into key metrics and historical data

# Release Automation

- Shared Components
- Pipeline Overview improvements
- Tokenized file support

# Shared Components

## Collaboration Between Teams, Accelerate Development Process

Enable the design of deployment workflows and actions that can be used across various applications.

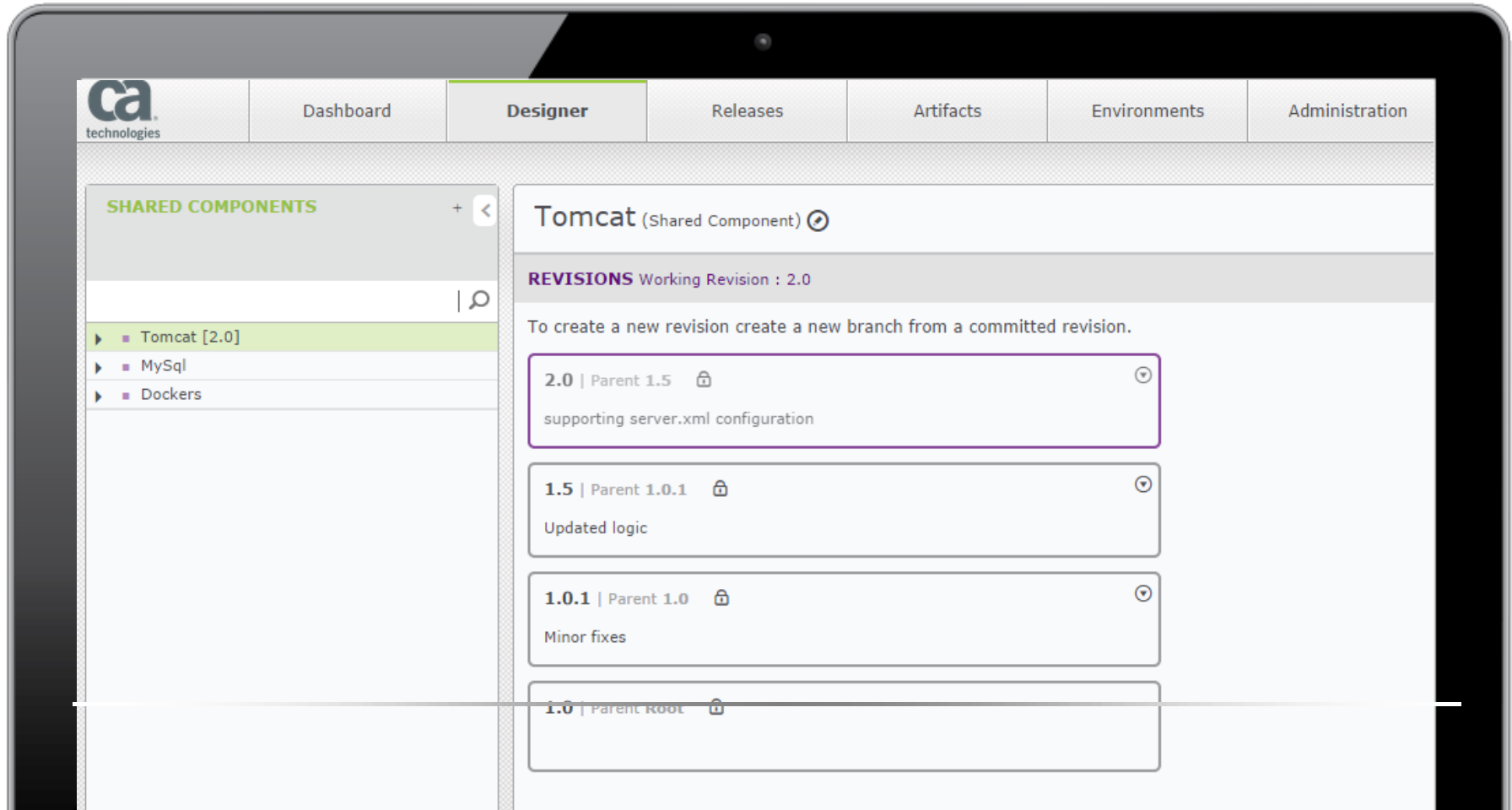
Centralized management of common deployment logic across applications

Support for versioning of application components

- 
- Implement and ensure use of best practices
  - Reduces release errors and improves productivity
  - Accelerate the Development Process

# Shared Components

Collaboration Between Teams, Accelerate Development Process



# Pipeline Overview

Plan, Manage and Promote Deployments Across Environments

## ADDED PLANNING CAPABILITIES ON TOP OF PIPELINE OVERVIEW

- Schedule and run releases
- Promote releases from one stage to the next



- 
- Improve visibility across the entire deployment process.
  - Promote collaboration and alignment between Development and Operations.



# Pipeline Overview

Plan, Manage and Promote Deployments Across Environments

The screenshot shows the CA Technologies Pipeline Overview dashboard. The interface includes a top navigation bar with tabs for Releases, Artifacts, Reports, and Administration. The user is logged in as 'superuser'. The main section is titled 'Deployment Pipeline Overview' and contains a description: 'This report shows the deployment status across environments'. A green 'Add Project' button is visible in the top right corner.

The dashboard is organized into three main sections:

- Online Services** (Version 1.0):
  - QA**: Succeeded, Sep. 04 2014, 11:40, Build: 10. [More]
  - Staging**: Succeeded, Sep. 04 2014, 11:40, Build: 10. [More]
- Robots Store** (Sprint 1):
  - QA**: Succeeded, Sep. 18 2014, 13:53, Build: 21. [More]
  - UAT**: Succeeded, Sep. 04 2014, 11:28, Build: 21. [More]
  - Staging**: Failed, Sep. 28 2014, 16:57, Build: 21. [More]
  - Production**: Succeeded, Sep. 04 2014, 11:34, Build: 20. [More]
- Sprint 2**:
  - QA**: Succeeded, Jun. 09 2014, 16:15, Build: 20. [More]
  - Production**: Succeeded, Jun. 09 2014, 16:29, Build: 20. [More]

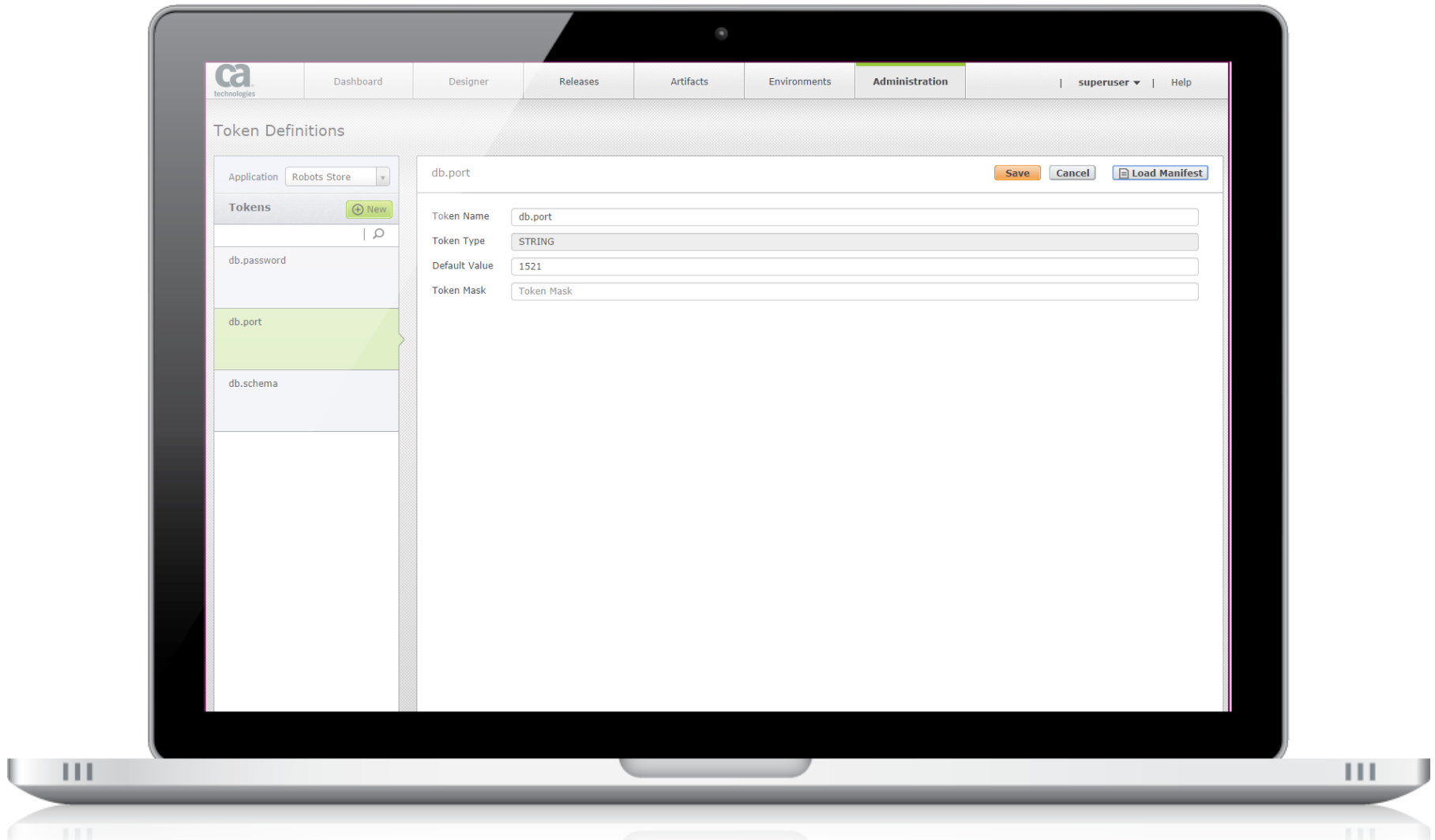
A context menu is open over the QA card in Sprint 2, showing options: 'Promote Options', 'Promote to Next Environment', and 'Customize Promotion'. On the right side of each section, there are links for 'Show hidden' and 'Remove project'.

# Tokenized File Support

- Use a single configuration file for all environments
  - Each token represents an environment variable
  - Environment specific variables are automatically applied at run time
- Each configuration file can be associated with a specific format (@@token@@, \${token}, etc)

- 
- Improves productivity and reuse
  - Reduces risk of error

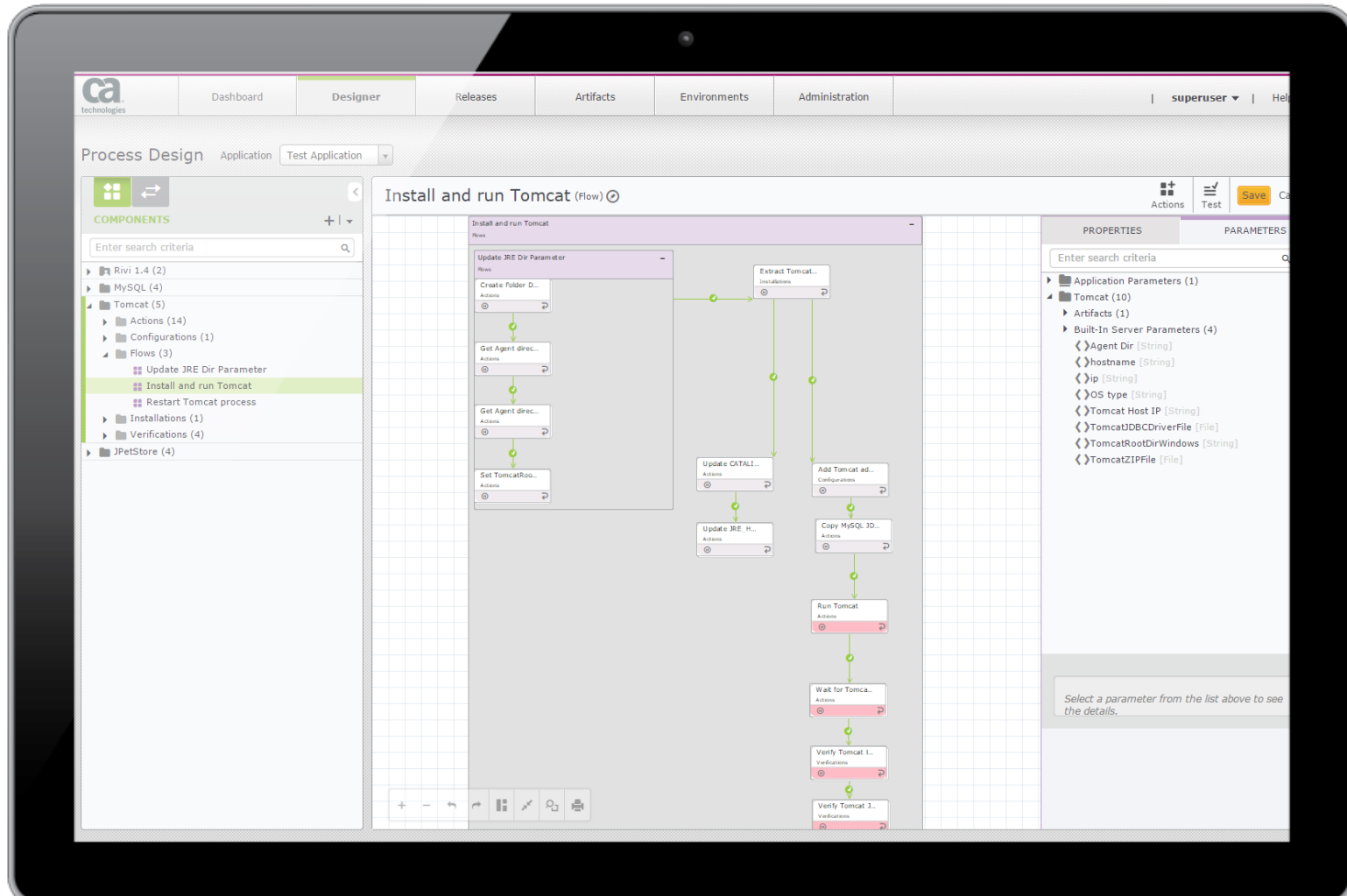
# Tokenized File Support



# Ease of Use

- Migration of Automation Studio to ROC web interface
  - Application model
  - Process design
  - Process execution
  - Tag management
  - Testing capabilities

# Ease of Use



# Customized Dashboard & Reporting

See the Info You Want, the Way You Want

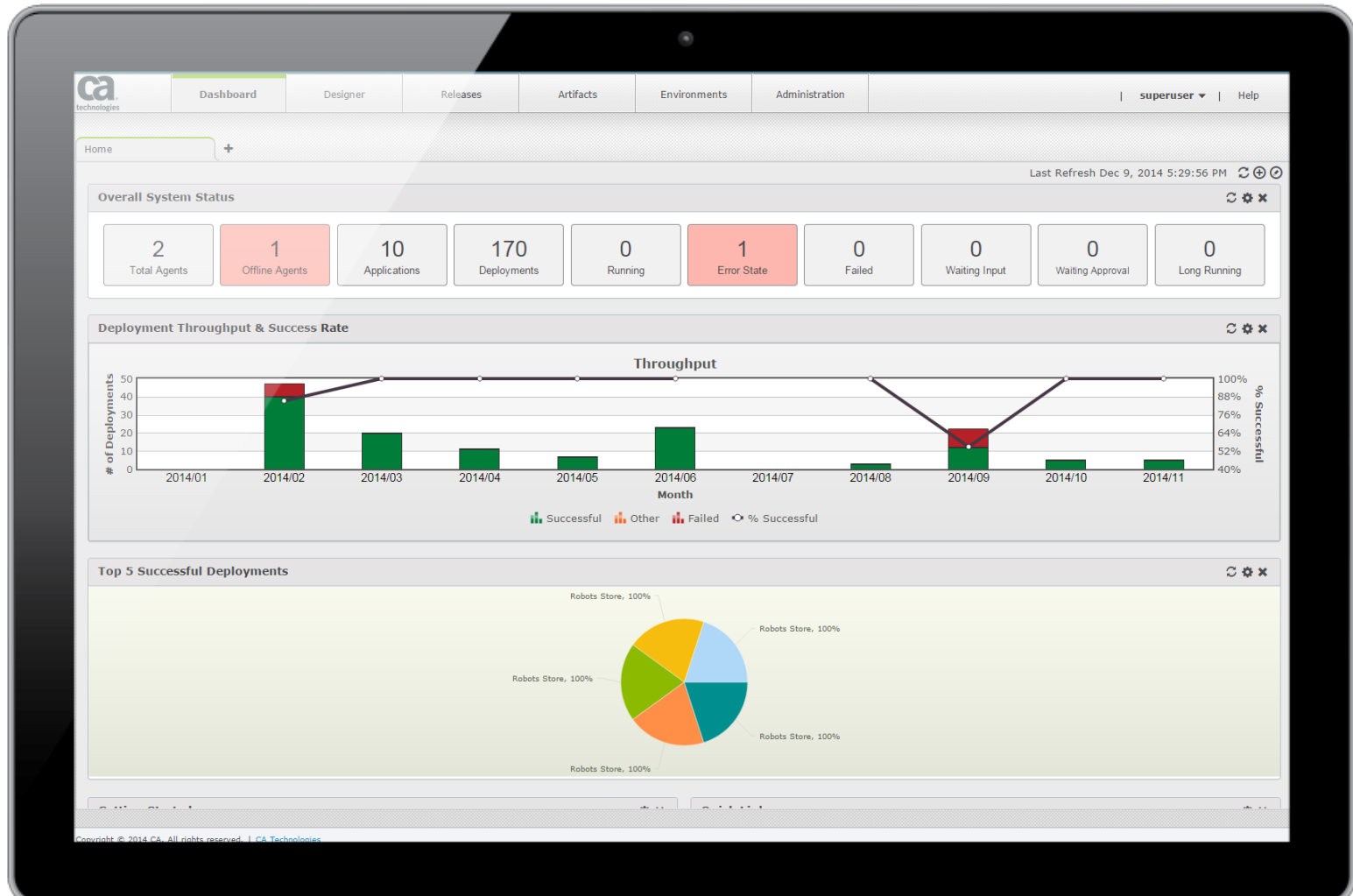
Portal supporting  
role-based views

Extensible widgets  
can be delivered  
and added to  
portal

Key metrics and  
historical data

- Improve visibility across the entire deployment process
- Promote collaboration among key stakeholders
- Quickly and easily identify and resolve problem areas

# Dashboard and Reporting



# Release Automation & Configuration Management

## Combined Value

Use Configuration Management Solutions and Release Automation to make Infrastructure Configuration Management an easy and seamless exercise for DevOps and Application release teams within Continuous Delivery



Continuous Delivery teams need validation that systems are in a known state aligned to their application deployment baselines



- Configuration Management Solutions define and maintain the state of servers
- RA crosschecks Configurations against the Application and Deployment baselines and determines drift across middleware, applications, and environments



# Configuration Management & Release Automation

## Core Combined Use Cases



**Pre-deployment  
verification of  
environments**

**Ensure known state**

**Identify points of failure**

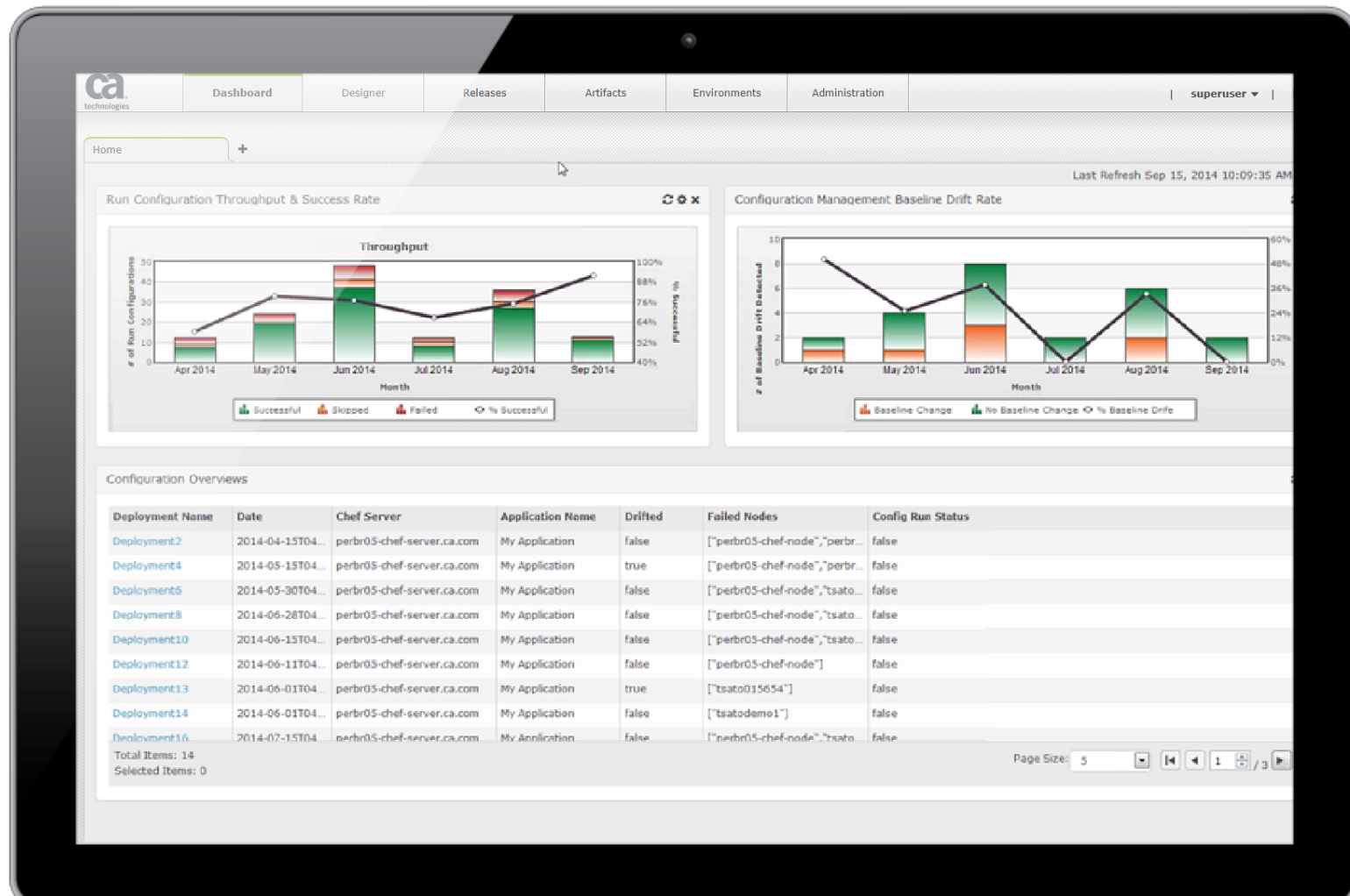


**Release management  
analysis.**

**Establish baselines**

**Configuration drift  
reporting across  
environments, applications  
and deployments over time**

# Environment Configuration



# Environment Configuration

The screenshot displays the CA Technologies deployment console interface. At the top, there is a navigation bar with tabs for Releases, Artifacts, Reports, and Administration. The user is logged in as 'superuser'. The main heading is 'Deployments > Deploy b12', and the status is 'Deploy b12 (Succeeded)'. Action buttons for 'Export to PDF', 'Duplicate', and 'Save' are visible.

**Description:**

- Project: Sprint 1 (5.5.0\_b12)
- Application: Robots Store
- Environment: QA
- Type: Major
- Template: Full Deployment Template
- Deployment Plan: Application Configuration Plan
- Schedule:

**Deployment Progress**

- ✓ Validation (Done)
- ✓ Environment Configuration (Done)
- ✓ **Deployment** (Done)

**Deployment Properties**

Environment Configuration	Deployment
Chef Environment	development
Chef Server	rachefserver
Org Unit	N/A
Server Type	Sprint Demo ServerType
Run Lists Match	true
Baseline Run List	role[Common]
Actual Run List	role[Common]
Recipe Content Changed	No Data To Display
Chef Node List	chef-ubuntu1404
RA Agent List	chef-ubuntu1404
Run Baseline Result	Success
Failed Nodes	No Data To Display

# Rapid Development Kit

*Patent Pending*

- Complementary tool to CA Release Automation
- Enables non-Java programmers to easily create Action Packs
- Supports common API's: Command Line, Scripts, and RESTful
- Generates ready-to-use Action Packs with documentation template
- Enforces best practices and consistency in delivery integration content



# Demo

Enough with slides! Show  
me the real thing!



# New Case Studies and Analyst Reports



*Swisscom Deliver Innovative, Cloud-based, Digital TV Services with CA Release Automation*



*MMS Reduces Application Release Deployment Times from Several Hours to Less than 45 Minutes with CA Release Automation*



*ING Bank Case Study: Improving time to market from 13 weeks to Less than 1 week*



*Ovum SWOT Assessment: Release Automation*



*CA Global Information Services Case Study: Automating Salesforce Deployments with Release Automation*



Q & A

For more information please visit  
[ca.com/release-automation](https://ca.com/release-automation)