

# RCDA training



Responsive, Collaborative Digital Architecture (RCDA) is CGI's agile approach to architecture in the digital age. Its principles and practices provide effective agile solution shaping with a fast architectural feedback loop. CGI's RCDA training services help you to build a modern architecture function based on strong team collaboration and responsiveness.

## Architecture matters

Research shows good architecture practices correlate with seven times less budget overrun, six times less deadline overrun and three times fewer troubled projects. RCDA specifically yields the following benefits:

- Effective agile solution shaping with a fast architectural feedback loop
- Reduced risk of delayed delivery and budget overruns
- Improved understanding of technical debt and other architectural concerns by business stakeholders
- "Just enough anticipation" in both traditional and agile development contexts, avoiding top-heavy, up-front design.

## RCDA training courses

More than 1,500 architects and other stakeholders worldwide have taken CGI's RCDA training. All RCDA trainers are experienced practicing architects who provide the training remotely or on-site. We offer three RCDA courses described below.

### RCDA Practitioner Course

This course is an interactive, classroom-based training course for practicing architects that spans three days. We also can provide the course remotely via five three-hour sessions.

Through presentations, discussions and exercises, attendees learn to apply good architecture practices to their everyday work context. The course combines lectures with group exercises.



A Responsive, Collaborative Digital Approach (RCDA) to modern architecture. Use RCDA to lay the foundation for business agility and business value in your organization.

**"Strong architectural decision making is key to getting the most bang for the buck. Applying RCDA helps us maximize business value in an agile environment."**

**Rijn Buve, Chief Software Architect, TomTom**

RCDA Practitioner Course
<b>Module 1, Fundamentals:</b> Architecture Responsibilities – Up-Front Versus Adaptive Architecture – RCDA
<b>Module 2, Understanding Context:</b> Stakeholders and Requirements – Architectural Requirements Prioritization – Dealing with Non-Functional Requirements – Stakeholder Workshops – Dealing with Contracts
<b>Module 3, Architectural Decisions:</b> Architectural Decision-Making – Applying Architectural Strategies
<b>Module 4, Modeling:</b> Architecture Modeling – Solution Costing – Value-Driven Documentation
<b>Module 5, Validation:</b> Architecture Evaluation – Independent Architecture Assessment – Architectural Prototyping
<b>Module 6, Delivery:</b> Technical Debt Control – Architecture Road Mapping
<b>Module 7, Maturity:</b> Team/Architecture Maturity Assessment – Wrap-Up
<b>Optional module “RCDA in SAFe”:</b> Applying RCDA Practices Within a SAFe Environment

### RCDA Foundation Course

Get up to speed with agile architecture by participating in this one-day, on-site workshop with architects and other stakeholders. We also offer remote training via three two-hour sessions.

After laying a foundation for RCDA-based practices in the morning, we spend the afternoon applying these practices to real-life business scenarios from attendees’ own work context. As a result, attendees acquire new insights and skills, along with immediate business value.

Agile Architecture Workshop
<b>Morning: Agile Architecture Principles and Practices</b> Introduction – Principles of Agile Architecture – Architectural Decision-Making – Economic Impact – Just Enough Anticipation – Architecture Is Teamwork – Technical Debt Control – Architecture Road Mapping
<b>Afternoon: Applying Agile Architecture Practices</b> Group Session: Business Epic Presentation – Group Exercise Part 1: Architectural Requirements and Decisions – Plenary Feedback – Group Exercise Part 2: Just Enough Anticipation – Plenary Presentation and Wrap-Up

### RCDA Awareness Course

Our RCDA Awareness Course is a two-hour session designed for those who need to understand RCDA, such as managers, product owners, business analysts, SCRUM masters, etc. Attendants will learn the basics of RCDA principles and practices,

RCDA Awareness Course
<b>Agile Architecture with RCDA</b> Principles of Agile Architecture – Architectural Decision-Making – Economic Impact – Just Enough Anticipation – Architecture Is Teamwork



#### About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

#### For more information

For more information about RCDA, contact [eltjo.poort@cgi.com](mailto:eltjo.poort@cgi.com).

For more information about CGI, visit [cgi.com](http://cgi.com), or email us at [info@cgi.com](mailto:info@cgi.com).