

INFORMATION TECHNOLOGY

VOLVO

CONSULTING SERVICES

PROJECT MANAGEMENT REQUIREMENTS MANAGEMENT IT ARCHITECTURE

Your need – our mission.

PROJECT MANAGERS - FOR SUCCESSFUL RESULTS

Projects mean requirements, wishes and expectations – some are obvious, while others aren't. Volvo Information Technology's experienced Project Managers improve the probability that your project will be delivered according to your expectations, even the unapparent ones.

Actively handling problems.

A Project Manager clarifies what needs to be done at an early stage. When everyone involved has the same goals and a mutual idea about what is to be achieved, they move in the same direction. These elements generally indicate a successful project. That is why our work methodology includes being one step ahead, so we can actively handle any problems that occur at an early stage, and avoid surprises.

Deep business understanding.

Professional Project Managers, many with global experience – Project Management Professional (PMP) certification, deep business understanding and vast management experience from various types of projects – work for us. Their knowledge can benefit you in many ways. Besides pure project management they also have extensive experience of result-oriented modelling.

Providing holistic overviews.

Volvo Information Technology provides well-developed models for pre-studies, project steering and management to customers that lack their own models. We can help before commencement as well, by providing a holistic overview of your project before it starts. Are all the conditions met and are all the assumptions correct?

Quality reviews.

Project Managers can also work as counsellors for other project managers – the scope and depth of their experiences are often very helpful in avoiding pitfalls. We can also help you review current projects from a quality aspect – for example, ensuring that a project is working as planned. Such a review is important when there are signs that a project is not achieving its set goals or when a project owner is uncertain about a project's progress. A quality review highlights diffuse aspects and makes proposals and recommendations about what steps should be taken. Project Managers from Volvo Information Technology work with projects in a structured manner, have extensive experience and a wide range of implementation expertise. This is your guarantee for a successful project.

VOLVO

Volvo Information Technology AB

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Volvo IT provides specialist skills and cost-effective solutions for all areas of industrial IT, from product development to sales and the aftermarket. Volvo IT's range includes superior data centre operations and IT infrastructure. Volvo IT is a global organization and part of the Volvo Group.

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REQUIREMENTS MANAGEMENT – FINDING AND REALIZING THE RIGHT NEEDS

By participating from early stages in projects, our consultants within the Requirements Management group make sure that requirements are managed both from a functional and a usability perspective. Early involvement of our test specialists will also guarantee that the requirements can be verified and tested in order to secure a delivery of the project. This in order to meet, or exceed, our customer's expectations in terms of functionality, quality, delivery precision and to an agreed cost.

IT methodology and Requirement Management

Our Business and System Analysts support our customers in defining and documenting requirements from both a functional and a non-functional point of view. They also support the software development process throughout the different phases of a project. They often work in different roles, e.g. as Process Engineer, Methodology Coach or System Analyst, and in many cases close to the solution architect.

Some examples of services or assignments that they perform:

- Pre-studies (eg CAMP*)
- Facilitating Requirements Workshops
- Requirements Expert Reviews - An overview of requirement work done in projects
- Requirement IT Methodology Training and Coaching
- Education/Courses
 - RM education

* CAMP (Change Analysis Methods for Pre-studies)

Usability

The Usability Architects work closely together with our System Analysts with focus on the end users, their everyday tasks and working environments. By defining the user needs early and involving the users throughout the development process, the IT solution will reach a higher level of efficiency, effectiveness and satisfaction. Designing the right solution with high usability also keeps the maintenance costs down.

Some examples of services that our Usability Architects support in projects are:

- Usability Planning and Strategies
- Usability Evaluation Surveys
- Prototyping
- Usability Tests and Expert Reviews

The Usability team also has experts working with User Analysis, Requirements Visualisation, Concept Design, Interaction Patterns and Graphic Design.

Test Management

In order to verify and understand the quality of the customer applications it is great value to involve strategic test competencies early in our IT software development projects. Early involvement of test resources keeps the total developments costs at a low level.

Our Test team addresses all the different test efforts according to the five categories that are defined in FURPS: Test of Functionality, Usability, Reliability, Performance and Supportability.

Different Test Experts (Test Managers, Test Designers, Test Specialists etc) are involved in different services or assignments in a project.



IT ARCHITECTS – FROM CONCEPTS TO PERFORMANCE

IT Architects help you assess your long-term IT needs and form an implementation roadmap. To deliver optimal results, only the best practises for architectures are used. At Consulting Services we have experienced consultants within the areas of Information Architecture, Application Architecture, Enterprise Architecture, Solution Architecture and Integration Architecture.

A solution for major organisations

Our Enterprise Architects develop and execute IT-strategies for major organisations. They also facilitate development of policies and guidelines that drive the design of system and infrastructure across the business domain and perform a guiding and verification role. To support the business management even further, they translate between the business view and technology view.

Functionality in the long run

Our Architects' all-inclusive IT experience ensures that your requirements are converted into long-term solutions compatible with the appropriate infrastructure. Combining our customers' needs with our IT Architects' knowledge of existing and emerging technologies, secures actual, usable functionality.

Works in all environments

When we build solutions, business and system requirements, they can be translated into executable applications based on a selected technical infrastructure. We also make a comprehensive overview of the whole project, which ensures cost-effective, on-time delivery.

A well deserved experience

IT Architects can be found involved in early phases and in new developments of global and local applications utilised by major organisations. As a result they have acquired the experience reflected in our IT Architects' ability to deliver functional solutions. Our Architects' skills span most technical platforms making it easy for us to satisfy our customers' demands. And that's exactly what we want!

The customers' needs is our focus

Our architects can work both on their own or as a team, since their different specialities integrates with each other. This makes it easier for us to put together a cost effective solution for your project.