

 3-day CMMI Basic Training

## CMMI -The way to improve

### Overview

CMMI, the Capability Maturity Model Integrated for Software, describes an evolutionary improvement path from an ad-hoc, chaotic process to a mature, disciplined process. CMMI gives your organization a guided and structured way to continuously improve your software capabilities and is a proven base for effective process improvement.

If you attend the 3-day CMMI Basic Training, you will understand the CMMI and how it can be applied in your organization. After the training, you will be able to fully understand your organization's CMMI based improvement activities and can take on an active role in them.

The course will describe the structure of CMMI and the five maturity levels. The characteristics of each maturity level and the recommended practices will be covered in detail. Different case studies and experiences from organizations using the CMMI in their Software Process Improvement activities will also be described.

To promote understanding and accelerate learning, the training will be conducted as a mixture of lectures and exercises.



CMMI gives your organisation a guided and structured way to continuously improve your software capabilities

### Goals

The participants will

- ▶ understand what CMMI is
- ▶ understand the CMMI architecture
- ▶ understand how organizations behave at each maturity level
- ▶ understand how you can use CMMI to improve your organization

### Intended Audience

The course is aimed at software managers, project managers, developers, process responsables and others involved in or affected by improvement activities



## ► Topics

Day 1

- Software Process Management
- CMMI-Overview and Structure

Day 2

- CMMI Level 2
- CMMI Level 3

Day 3

- CMMI Level 4
- CMMI Level 5
- Software Process Improvement Methods
- Case Studies

*Presentations are mixed with exercises and discussion.*

## ► Course Material

- Training binder

## ► Duration

Three full days, no evening sessions.

## ► Presentation Languages

All documentation and material is in English. The training can be given in English, German or Swedish.

## ► Teachers

The training will be conducted by highly skilled trainers with extensive experience in:

- CMMI and CMMI interpretations
- Assessments (CMMI based and others)
- Improvement work

## ► Q-Labs' CMM & CMMI Experience

In 1992, Q-Labs established a competence centre for CMM and has now wide experience and expert knowledge in applying CMM to improve the capability of software organisations. Q-Labs has also participated in the development of CMMI. Q-Labs has worked with an extensive number of organisations, among others ABB, Bosch, Ericsson, Siemens, Nokia, FMV, Autoliv, Visteon, Boeing and many more.