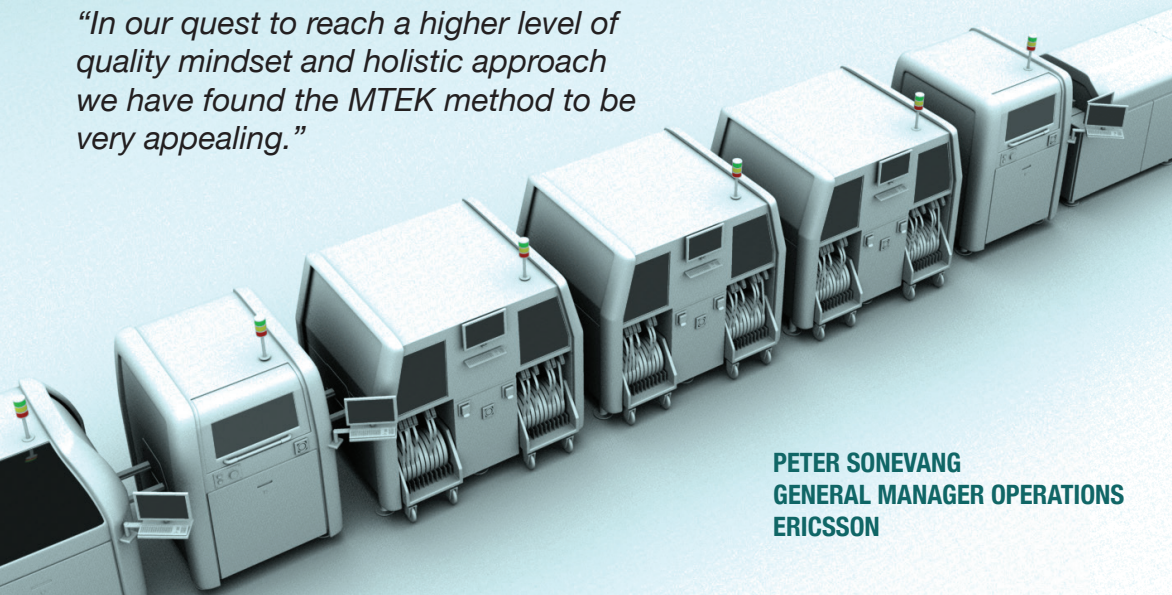


# SURFACE MOUNT AREA

## SUCCESS IN MANUFACTURING »



*"In our quest to reach a higher level of quality mindset and holistic approach we have found the MTEK method to be very appealing."*



**PETER SONEVANG**  
GENERAL MANAGER OPERATIONS  
ERICSSON

## ABOUT THE COURSE

This course is a practical guide within process quality for surface mounting and originates in a competence and certification program developed for Ericsson 2011. The book contains the basis of manufacturing process theory and is full of practical examples. The handbook aims to give the participants of the certification program a wider competence as well as a number of tools and methods to drive and implement manufacturing process improvements.

## FOR WHOM?

The course mainly addresses operators and production engineers as a practical guide in the daily work around process quality and improvement work. But the contents of the book are also valuable for designers, purchasers and management that want to increase their knowledge about process technology and quality demands.

The ability to compete for any company is closely connected to its employee's conditions to do right from the beginning.

### WHAT IS IN IT?

#### CONTENTS

- ▶ Processes and Concepts
- ▶ Solder Paste Printing
- ▶ Surface Mounting
- ▶ Inspection
- ▶ Reflow Process
- ▶ Change Over Methodology
- ▶ Key Performance Indicators
- ▶ Statistical Process Control

### SESSION PLAN

#### FULL TRAINING PROGRAM

- ▶ Performed on-site during 3 days
- ▶ Real case improvements are performed having direct impact on your operations
- ▶ +200 pages of litterature

#### THEORY

- ▶ Performed on-site during two separate four hour sessions
- ▶ Lecture environment
- ▶ Aimed towards operators and operational management.

#### PRACTICAL IMPROVEMENT PROJECT

- ▶ Performed by attendees during a four week period
- ▶ Independent work
- ▶ Results are presented in a workshop environment

#### CERTIFICATION TEST

- ▶ Performed on-site during 1 hour
- ▶ Lecture environment
- ▶ Ensures that the attendees have acquired the intended skill set

*Would you like to know more?*

Contact: **Tord Johnson**  
tord.johnson@mtek.se  
+46 (0)73-970 01 76