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 kurtz ersa

2026

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**EDUCATION**

by kurtz ersa

GLOBAL. AHEAD. SUSTAINABLE.

# TRAININGS 2026 – OVERVIEW

## PROCESS

### HAND SOLDERING AND REWORK

- Ersa know-how seminar

### MACHINE SOLDERING AND STENCIL PRINTING:

- Ersa know-how Seminar
- eLearning Recertification
- eLearning Process Courses
- Customized Technology Days

## SERVICE

### CUSTOMIZED PRACTICAL TRAINING:

- Operation & maintenance

### eLearning

- Operation & maintenance training

## DIGITAL

### eLearning

### WEBINERSA

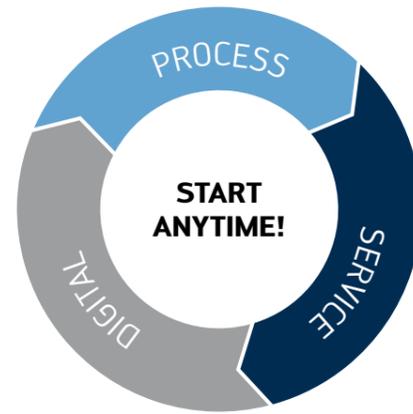
### CUSTOMIZED WEBinERSA

### LIVE-DEMOS

## SEMINAR INFORMATION

### CUSTOMER CARE CENTER, APPLICATION CENTERS

### TRAINING DATES 2026, REGISTRATION



# QUALIFICATION PAYS OFF!

Dear Sir or Madam,

The new year 2026 marks not only the start of a new calendar year: we have another twelve exciting and dynamic months ahead of us, during which we look forward to sharing our expertise with our customers and helping you to optimize your processes in your own electronics manufacturing in the long term.

Our qualification program places particular emphasis on our high level of flexibility through hybrid learning. In a smart combination of online and face-to-face content, the basics are first taught digitally.

This ensures that all participants achieve a uniform level of knowledge before moving on to face-to-face training. This leaves more time on site time for personal exchange, in-depth questions, and the direct transfer of Ersa know-how into the customers' practice. Despite, or perhaps because of, the dynamic development of the digital world, personal exchange remains very important when it comes to the best possible use of Ersa hardware and software.

In addition, we offer certified training courses that impart practical specialist knowledge and also provide valuable proof in the context of audits.

And because no two companies are alike, you can customize your training program to suit your needs. From the basics to process training to specialized further education, we will work with you to find the perfect solution!



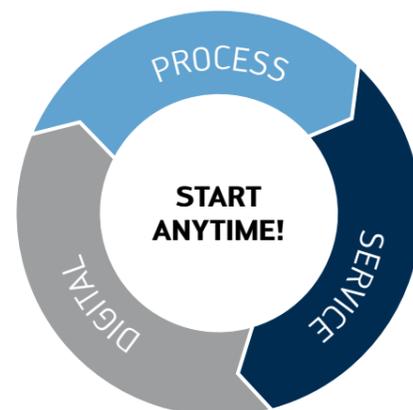
Your Ersa Team:  
f.l.t.r.: Hansjürgen Bolg, Laura Schulz and Rainer Krauss



## PROCESS

START ANY TIME – WHETHER PROCESS OR SERVICE, WHETHER DIGITAL OR ON SITE!

Process training builds the foundation for later success. Ersa offers a wide range of basic and advanced trainings, suitable for every need. Furthermore our exclusive Technology Days can be tailored to your demands and topics.



### SHORT DESCRIPTION

Covers all the essential basics of soldering technology in electronics and consolidates this knowledge by soldering THT components onto printed circuit boards. Participants learn about the relationships between printed circuit

boards, components, and the soldering process, hereby acquiring a sound knowledge of the process and the process windows involved in manual soldering with a soldering iron and with the rework systems.

### THEORY

- Hand soldering & Rework basics
- Process control
- Temperature profiles and measurement
- Overview of the technologies
- Basic functionality
- PCB support
- Use of fluxes and solder paste

### PRACTICE

- Hands-on demonstrations
- Soldering/desoldering of components
- Dip transfer of solder paste & flux
- Residual solder and flux removal
- Inspection of assemblies
- Protection of nearby components

### YOUR BENEFIT:

- Acquisition of background knowledge in hand and rework soldering
- Greater safety through proven, optimized working methods
- Safe handling of soldering tools and rework systems
- Final exam consolidates the knowledge acquired
- Personal certificate of qualification after passing the exam

### DO YOU HAVE QUESTIONS?



**Kristin Düll**  
Tel.: +49 9342 800-235  
Mail: Kristin.Duell@kurtzrsa.de



**Dates**  
16.09. - Hand soldering  
17.09. - Rework

Start: 8:30 am



**Requirements**  
Basic knowledge of industrial electronics manufacturing recommended



**Course documentation**  
In printed form



**Preparation and follow-up**

- Four weeks before the course access to the free online preparation course "Basics of Soldering"
- Until four weeks after the seminar access to the digital learning platform



**Fee**  
Hand soldering 449€  
Rework 449€  
Combination booking (-10%)  
or INDIVIDUAL BOOKING



**Certificate**  
Theoretical examination with certificate (valid for 3 years)



**Option**  
You are welcome to bring your own assemblies to the seminar



**Book training dates on**  
You can find all details of the training on:  
[kurtzrsa.com/trainings](http://kurtzrsa.com/trainings)



# ERSA KNOW-HOW-SEMINAR

## LEAD-FREE WAVE AND SELECTIVE SOLDERING

### SHORT DESCRIPTION

Experience first-hand soldering know-how both in theory and practice: The two-day advanced training "Lead-free wave and selective soldering" is a balanced mix of theory and hands-on.

In the eLearning and theory part of the seminar, participants acquire detailed

knowledge of the various variables influencing solder joint quality and their interactions in the soldering systems, the process limits and their associated monitoring options, as well as the treatment of soldering defects. This knowledge can be applied and thus consolidated in the subsequent practical part on various systems.

### THEORY

- Materials and equipment
- Boundary conditions and influences
- Layout design
- Process control and temp. measurement
- Defect patterns and solutions

### PRACTICE

- Machine checks in preparation for production
- Setting and control of flux, preheating and soldering parameters
- Measurement of temperature profiles

### YOUR BENEFIT:

- Build up detailed knowledge and gain confidence in your daily work
- Refreshing and deepening the subjects
- Understanding and questioning the interaction of influencing parameters and boundary conditions
- Detect and fix defects faster – higher quality of soldering results
- Acquisition of further competence and qualifications in special fields
- Application of the new theoretical knowledge in the practical session
- A better understanding and further approaches for your own production line
- Benefit from information exchange with other companies

### DO YOU HAVE QUESTIONS?



**Kristin Düll**

Tel.: +49 9342 800-235

Mail: Kristin.Duell@kurtzrsa.de



### Dates

08.04.-09.04.2026

Start: 08:30 am



### Requirements

Basic knowledge of industrial electronics manufacturing recommended



### Course documentation

In printed form



### Preparation and follow-up

- Four weeks before the course access to the free online preparation course "Basics of Soldering"
- Until four weeks after the seminar access to the digital learning platform



### Fee

€ 899 per person plus VAT incl. examination costs



### Certificate

Theoretical examination with certificate (valid for 3 years)



### Option

You are welcome to bring your own assemblies to the seminar



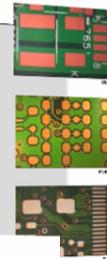
### Book training dates on

You can find all details of the training on: [kurtzrsa.com/trainings](https://kurtzrsa.com/trainings)



### PCB SURFACE FINISHES

HAL	Tinned finish
OSP	Organic Solderability Protection
ENIG	Nickel-Gold
ENIPIG	Nickel-Palladium-Gold
ISn	Immersion tin
IAG	Immersion silver



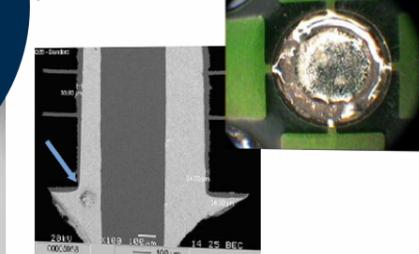
### ERROR PATTERN – COMPONENT DAMAGE / RESISTANCE TO SOLDERING HEAT



Transfer of heat energy from the liquid solder via the component pins into the component is enormous and may cause a plastic deformation of the component package. Temperature and time are the affective factors.

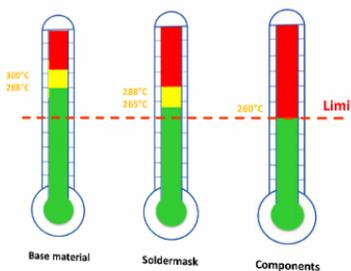
LATEST TECHNOLOGY  
NEUTRAL PRESENTATION

### COPPER LEACHING



- If a solder joint requires a high amount of solder heat, the solder temperature should be increased very carefully.
- At high temperatures, the copper will be leached very quickly. In the worst case, the entire pad will dissolve.
- The correlation between the leaching speed and the solder temperature is not linear!

### RESISTANCE TO SOLDERING HEAT



Process time

Each element has a maximum temperature that it can withstand!

### SHORT DESCRIPTION

Experience first-hand soldering know-how both in theory and practice: The one-day advanced training "Solder paste printing" of multi-pin SMT and QFN components teaches the theoretical and practical know-how to fully understand the printing process. During the eLearning and theoretical part, participants will acquire know-

edge about the different parameters influencing the printing results, and they will also learn how processes interact. Further they will take a closer look at the process limits and the treatment of defects. In the practical session, the participants consolidate their acquired knowledge while working with the different systems.

### STENCIL PRINTING

- Print materials
- Influence of the print parameters
- Stencil and layout
- Printing defects and their causes

### YOUR BENEFIT:

- Build up detailed knowledge and gain confidence in your daily work
- Refreshing and deepening the subjects
- Understanding and questioning the interaction of influencing parameters and boundary conditions
- Detect and fix defects faster – higher quality of soldering results
- Acquisition of further competence and qualifications in special fields
- Application of the new theoretical knowledge in the practical session
- A better understanding and further approaches for your own production line
- Benefit from networking with other companies

### DO YOU HAVE QUESTIONS?



**Kristin Düll**

Tel.: +49 9342 800-235

Mail: Kristin.Duell@kurtzrsa.de



### Dates

06.10.2026

Start: 8:30 am



### Requirements

Basic knowledge of industrial electronics manufacturing recommended



### Course documentation

In printed form



### Preparation and follow-up

- Four weeks before the course access to the free online preparation course "Basics of Soldering"
- Until four weeks after the seminar access to the digital learning platform



### Fee

€ 449 per person plus VAT incl. examination costs



### Certificate

Theoretical examination with certificate (valid for 3 years)



### Option

You are welcome to bring your own assemblies to the seminar



### Book training dates on

You can find all details of the training on: [kurtzrsa.com/trainings](http://kurtzrsa.com/trainings)



### SHORT DESCRIPTION

Experience first-hand soldering know-how both in theory and practice: The one-day advanced training "Reflow Soldering" of SMT components teaches participants not only the theory but also the associated practical know-how.

The goal of the seminar is to take a closer look at the influencing factors and process limits in the eLearning and theory part. In the hands-on part, participants consolidate their acquired knowledge on the various systems.

### REFLOW SOLDERING

- Materials and equipment
- Boundary conditions and influencing parameters
- Create, measure & analyze temp. profiles
- Soldering defects and their causes
- Reduction of void formation

### YOUR BENEFIT:

- Build up detailed knowledge and gain confidence in your daily work
- Refreshing and deepening the subjects
- Understanding and questioning the interaction of influencing parameters and boundary conditions
- Detect and fix defects faster – higher quality of soldering results
- Acquisition of further competence and qualifications in special fields
- Application of the new theoretical knowledge in the practical session
- A better understanding and further approaches for your own production line
- Benefit from networking with other companies

### DO YOU HAVE QUESTIONS?



**Kristin Düll**

Tel.: +49 9342 800-235

Mail: Kristin.Duell@kurtzrsa.de

### COMBINE PRINTER AND REFLOW AND BENEFIT TWICE!

When booking both seminars, Solder paste printing & Reflow soldering, you will receive an exclusive discount of 10% (including evening event).

Understand and the interactions between solder paste printing and reflow soldering!



### Dates

07.10.2026

Start: 8:30 am



### Requirements

Basic knowledge of industrial electronics manufacturing recommended



### Course documentation

In printed form



### Preparation and follow-up

- Four weeks before the course access to the free online preparation course "Basics of Soldering"
- Until four weeks after the seminar access to the digital learning platform



### Fee

€ 449 per person plus VAT incl. examination costs



### Certificate

Theoretical examination with certificate (valid for 3 years)



### Option

You are welcome to bring your own assemblies to the seminar



### Book training dates on

You can find all details of the training on: [kurtzrsa.com/trainings](http://kurtzrsa.com/trainings)



# RECERTIFICATION KNOW-HOW SEMINARS

## LEAD-FREE WAVE AND SELECTIVE SOLDERING, REFLOW SOLDERING, SOLDER PASTE PRINTING

### SHORT DESCRIPTION

Continuous training in the field of soldering technology is crucial for quality and safety in production. We therefore offer recertification of soldering seminars, which refreshes the knowledge and skills

of participants. The validity of the know-how qualifications and certificates is three years from the date of the exam for the following courses: wave and selective soldering, stencil printing and reflow soldering.



#### Dates

Available in eLearning at any time



#### Requirements

Participation in the corresponding in-person know-how seminar



#### Fee

299 € plus VAT



#### Recertification interval

Every 3 years (± 90-day window around the expiration date)

### PREPARATION IN eLearning:

- Current documents
- Confidence for the exam
- Repetition of important points
- Training possible before examination
- Updating expertise

### EXAMINATION (ONLINE VIA eLearning PLATFORM)

- Challenge test possible (without preparation day & documents)

### YOUR BENEFIT:

- Challenge test possible (without preparation day & documents)
- ± 90-day window around the expiration date
- Security during audits and obligation to provide evidence
- Knowledge and skills remain up to date
- Prevention against slowly beginning errors

### DO YOU HAVE QUESTIONS?



#### Kristin Düll

Tel.: +49 9342 800-235

Mail: Kristin.Duell@kurtzrsa.de

# eLearning PROCESS TRAININGS

### SHORT DESCRIPTION

The eLearning system offers comprehensive process courses with interactive content suitable for technologists with a focus on the soldering process.

Target group: Process engineers, line managers, designers, etc. Continuous knowledge testing directly on individual topics with final certification.

### CONTENTS

- General information on soldering
- Error patterns and their causes
- Individual profiling and parameter settings for each process
- Supplementary documents and recordings from our WEBinERSA series
- Notes and recommendations on layout

### AVAILABLE PROCESS COURSES:



WAVE / SELECTIVE



REFLOW

### FURTHER PROCESS COURSES TO FOLLOW...



REWORK



STENCIL PRINTING

### DO YOU HAVE QUESTIONS?



#### Kevin Schmidt

Tel.: +49(9342)800-456

Mail: Kevin.Schmidt@kurtzrsa.de



#### Dates

On request



#### Fee

Individual process courses 299 € per year.

License with access to one selectable process course

#### More information:

Ask for Demo or obtain offer



# CUSTOMER-SPECIFIC TECHNOLOGY DAYS

## SOLDERING MACHINES & REWORK

### SHORT DESCRIPTION

For technology focused companies we offer customer-specific Technology Days, which are arranged according to individual topics and needs.

Since the seminars are organized and conducted exclusively for your company, the theoretical and practical sessions can be tailored exactly to the needs of your

employees. In addition, the exchange of knowledge and experience among your own employees across departments and locations is stimulated.

The focus of the two-day intensive course is to observe and analyze all boundary conditions affecting the soldering process.

### TECHNOLOGY DAYS FOR AUDITORS

Exclusively for users who are not directly involved in the soldering processes, we offer Technology Days that deal specifically with the process knowledge that is relevant to you. Our experts will give you an insight into our technology, processes and

explain, for example, what needs to be taken into account when auditing suppliers in these processes.

In addition, we take the time to explicitly address your questions about joining technology.

### YOUR BENEFIT:

- Understand and interpret your supplier's processes
- High quality at the lowest possible cost
- Being one step ahead and demanding the latest technologies
- Future-oriented market approach

### DO YOU HAVE QUESTIONS?



**Kristin Düll**

Tel.: +49 9342 800-235

Mail: Kristin.Duell@kurtzsa.de



#### Dates

On request



#### Agenda

**\*New: Levels:**

Basic: 2 days

Advanced: 2.5 days



#### Course documentation

In printed form



#### Participants

Minimum of 6 attendees



#### Fee

Levels:

Basic: 999.00 € plus VAT

Examination Fee:

€ 100 per person plus VAT

Optional examination for all participants with certificate.

Seminar participants who do not take the exam will receive a certificate of attendance.



#### References

Automotive manufacturers, industrial electronics, consumer electronics

# CUSTOMER-SPECIFIC TECHNOLOGY DAYS

## SOLDERING MACHINES & REWORK

DESIGN YOUR TECHNOLOGY DAYS TOGETHER WITH US CHOOSING FROM THE **MODULES** BELOW

### SOLDER PASTE PRINTING

- Stencil types, layouts
- Printing materials and parameters
- Printing defects and their causes

### REFLOW SOLDERING

- Definition of process windows
- Soldering defects and their causes
- Quality parameters in reflow soldering

### REWORK

- Rework of electronic assemblies
- Creating selective reflow profiles
- Removing residual solder and placing new components

### WAVE AND SELECTIVE SOLDERING

- Demands on PCB and design
- Selective mini- and / or multiwave soldering
- Process windows and production throughput

### PRESS-FIT

- Requirements for the printed circuit board and the PCB design
- Variants of the press-fit zones
- Influencing factors and monitoring of the process

### HAND SOLDERING

- Process requirements
- Influencing parameters and their causes
- Traceability / Process control in manual soldering

### SOLDERING TECHNOLOGY FOR HIGH RELIABILITY ELECTRONICS

- Design Challenges for high reliability assemblies and devices
- Optimized PCB layout under thermo-dynamic aspects
- Flexible system concepts which, considering throughput and variant range, allow precise adaptation of the process parameters to the individual solder joints

### DESIGN

- Basics of printed circuit boards and design for manufacturing for the economical production of reliable electronic assemblies

### EXEMPLARY MODULE OPTICAL INSPECTION

- Assistance instead of control
- Influence of cleaning and calibration intervals on the test quality
- Detection and reduction of defects

### SEMICONDUCTOR

- Process parameters and their correlations

### PRACTICAL SESSION IN THE ERSa APPLICATION CENTER

The practical session covers the machine construction and the practical application. The main focus is on parameter setting and monitoring, as well as the effect on the soldering result when parameters are within or outside of the limits.



# SERVICE

*START ANY TIME – WHETHER PROCESS OR SERVICE, WHETHER DIGITAL OR ON SITE!*

Machine training specifically adapted to your needs. We train your service team or individual employees specifically on Ersas soldering systems in the technology areas of reflow, wave and selective soldering and stencil printing.

In exclusive practical training courses topics and contents are optimally coordinated.



## eLearning OPERATION AND MAINTENANCE TRAINING

### SHORT DESCRIPTION

The eLearning system offers comprehensive operating and maintenance training courses with interactive content. The video library contains additional learning videos

on the most important service steps. At the end, the knowledge learned can be checked with tests and certified with an examination.

### KEY FACTS:

- Comprehensive operating and maintenance training courses
- Individual training adapted to the existing level of knowledge through Basic and Advanced courses
- **NEW!** Troubleshooting module with interactive instructions for common error messages
- Interactive content with step-by-step instructions and learning videos
- Certifications at the end of each course

### AVAILABLE MACHINES

- |                               |                          |                            |                                 |
|-------------------------------|--------------------------|----------------------------|---------------------------------|
| ■ <b>Selective Soldering:</b> | ■ <b>Wave Soldering:</b> | ■ <b>Reflow Soldering:</b> | ■ <b>Solder Paste Printing:</b> |
| VERSAFLOW FIVE                | POWERFLOW FIVE           | HOTFLOW THREE              | VERSAPRINT                      |
| VERSAFLOW 4                   | POWERFLOW ULTRA          | HOTFLOW ONE                | ■ <b>Rework:</b>                |
| VERSAFLOW 3                   | POWERFLOW PRO            | EXOS                       | HR 600 XL                       |
| VERSAFLOW ONE                 | POWERFLOW ONE            | HOTFLOW 4                  |                                 |
|                               |                          | HOTFLOW 3                  |                                 |

*CONSTANT GROWING COURSE EXPANSION UP TO THE ENTIRE ERSAS PORTFOLIO*

### YOUR BENEFIT:

- Quick and flexible onboarding of new employees
- Refreshing knowledge of employees
- Quick direct assistance with maintenance and operating
- Certificate at the end of each course

*DO YOU HAVE QUESTIONS?*



**Kevin Schmidt**  
Tel.: +49(9342)800-456  
Mail: Kevin.Schmidt@kurtzersa.de



**Target group**  
All employees of manufacturing and production divisions who need first-hand practical knowledge in their daily use of the system



**Course documentation**  
Available online at any time



**Exam**  
Scored final test with certification



**Fee:**  
**Entire available machine portfolio of the eLearning platform (listed on the left)**  
650 € per year  
Licence with access to all available machine courses

**Single machine course:**  
299 € per year  
Licence with access to one selectable machine



**More information:**  
Ask for demo or obtain offer



# CUSTOMER-SPECIFIC PRACTICAL TRAINING

## CUSTOMIZED ACCORDING TO YOUR NEEDS

### SHORT DESCRIPTION

You will receive full information on our high-end soldering systems at first hand. The theory gives you an overview, in the practical part you will experience and learn

in "hands-on" all about operation, maintenance and handling of the machine for optimal processes in your production and entirely according to your wishes.

### THEORY

- Overview of the machine with options
- Basics of the soldering process
- Modules in detail and special features
- Preparations for production
- Optimal soldering process and influencing factors

### PRACTICE

- Operation and settings of the machine
- Maintenance and special features
- Calibration
- Soldering program creation and optimization

### YOUR BENEFIT:

- Better understanding of the soldering process and correlations
- Expansion of skills in operation and maintenance
- Assurance of the process stability
- Optimization of quality in production
- Ensure high machine availability

### DO YOU HAVE QUESTIONS?



**Bernd Koch**  
Tel.: +49 9342 800-338  
Mail: Bernd.Koch@kurtzrsa.de



**Christoph Schaller**  
Tel.: +49 9342 800-221  
Mail: Christoph.Schaller@kurtzrsa.de



#### Dates

Dates and duration according to individual arrangement. Location of the event at your site or in Wertheim at Erska GmbH.



#### Target group

This training is the ideal platform for employees of manufacturing and production divisions who need first-hand practical knowledge in their daily use of the systems.



#### Participants

Max. 6 attendees (min. 2 attendees)



#### Preparation and follow-up

- Two months before the course free online preparation course
- Until two months after the seminar access to the digital learning platform



#### Fee

On request

# CUSTOMER-SPECIFIC PRACTICAL TRAINING

## CUSTOMIZED ACCORDING TO YOUR NEEDS

### EXEMPLARY COURSE MODULES

Together we define topics according to your target group and depth of the content to be trained, as well as the location. Choose from modules and

configure with us a training for your requirements. Choose for example from these topics and contents:

#### STRUCTURE AND FUNCTIONS OF THE MACHINE

- General structure of the machine
- Technical data (commissioning)
- Tricks for effective troubleshooting

#### OPERATION OF THE MACHINE

- The operating modes of the machine (setup, automatic)
- Simple management of users
- Data backup of the machine

#### CREATING AND OPTIMIZING PROGRAMS

- The soldering program editor
- Optimization of the most important parameters

#### OPTIMAL SERVICE AND MAINTENANCE

- Aids and tools for best results
- Maintenance table

#### TIMELY ERROR DETECTION AND REDUCTION

- Displaying messages and errors
- The description of the message
- Troubleshooting and possible failure causes

#### CALIBRATION AND SETTINGS FOR CONSTANT QUALITY

- Conveyor (e.g.: referencing, teaching)
- Fluxer (e.g.: set up spray head, calibrate axes)
- Solder pot (e.g.: axis calibration, offset and gradient adjustment)

### DO YOU HAVE QUESTIONS?



**Bernd Koch**  
Tel.: +49 9342 800-338  
Mail: Bernd.Koch@kurtzrsa.de



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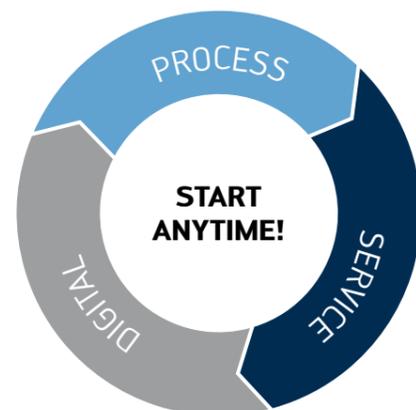


# DIGITAL

*JOIN IN ANY TIME – WHETHER PROCESS OR SERVICE, WHETHER DIGITAL OR ON SITE!*

Time is a precious resource – especially in the constantly changing electronics manufacturing industry. In the continuously growing market, specialist expertise at the latest technological level is increasingly required.

Just get it digitally as an ideal supplement to your on-site training needs!



## DIGITAL – REFRESHING FOR HAND SOLDERING AND REWORK FOR MACHINE SOLDERING AND STENCIL PRINTING



Whether manual soldering or automated rework, machine soldering or solder paste printing – in electronics production, numerous technologies must be mastered in order to achieve a permanent, high-quality soldering result in the end.

With Ersas digital courses, you will get exactly the knowledge you need – whether for manual soldering and rework or in the field of machine soldering and stencil printing.

During a live demonstration of one of our systems, which is conducted by our experienced application engineers, you can check whether the Ersas system and your product are compatible.

Or inform yourself online and independent of location with our WEBinERSA: Learn about current topics in electronics production and exchange ideas with Ersas soldering experts.



### *Ersa eLearning revolutionizes training*

The future of learning – our eLearning system offers customized courses, interactive content and flexible accessibility. Learn effectively when and where you want and achieve your learning goals.

# eLearning

## DIGITAL SERVICE AND PROCESS OFFERING

### DIGITAL LEARNING PLATFORM

Our revolutionary eLearning system offers customised courses, interactive content and flexible accessibility.

Learn effectively, whenever and wherever it suits you and achieve your learning goals.



Maintenance courses with checklist



The digital assistant guides you through courses and explains content



Interactive content



Video library available at any time as a separate area



Continuous knowledge query and tests with certification

#### YOUR BENEFIT:

- Access to the platform regardless of time and place
- Accessible online and available directly via Kurtz Ersa CONNECT
- Individual learning pace depending on level of knowledge
- Continuous expansion of the exclusive knowledge database
- Machine courses: Operating and maintenance
- Process courses: process know-how / troubleshooting
- **NEW from 2026:** Troubleshooting module for error elimination

### DO YOU HAVE QUESTIONS?



**Kevin Schmidt**  
Tel.: +49(9342)800-456  
Mail: Kevin.Schmidt@kurtzersa.de

**Further information:**  
Request a demo or an offer on the following link:



# LIVE DEMONSTRATIONS

## LIVE DEMONSTRATIONS AND TESTS ON YOUR ASSEMBLIES IN THE ERSA APPLICATION CENTER

### SHORT DESCRIPTION

Your electronics production is humming, the soldering systems are working at the limit of productivity – with constant product change, highest flexibility, classic high mix/low volume. An attractive offer for a high-quality assembly which you definitely want to produce and which at the same time represents a real soldering challenge has just landed on your table. What to do? The product must be manufactured as

quickly as possible - but nobody in your team is available? Ersa, your partner and system supplier No.1 for electronics production, has the solution: Simply send us your assemblies and description of the soldering task, Ersa engineers will immediately create the corresponding soldering programs and temperature profiles – we will present this solution to you directly in the live stream.

### THAT'S HOW IT WORKS

- Make an appointment
- Connect to the live stream
- Introduction of the participants
- Overview Ersa soldering system
- Explanation of the settings made
- Print or solder an assembly and analyse the process
- Presentation of results

### YOUR BENEFIT:

- No travel costs and time savings, as there is no need to travel
- Unlimited number of participants possible on your part
- Experienced Ersa engineers with high-quality video equipment will explain the process step by step – you will have the same results as if you were at an on-site appointment!

### YOUR CONTACT PERSON:



**Dates**  
On request



**Agenda**  
Individually arranged according to your wishes and needs



**Fee**  
for free

# WEBinERSA

## FOR HAND SOLDERING AND REWORK FOR MACHINE SOLDERING AND STENCIL PRINTING

### SHORT DESCRIPTION

Our goal is to give all interested parties access to the desired soldering know-how – or in short: With the WEBinERSA we want to make your production even stronger!

Our webinars, each lasting 60 to 90 minutes, provide information on current topics in soldering technology and offer a wide variety:

whether stencil printing, high-end soldering machines, rework and inspection systems or intelligent solutions in classical hand soldering – there is something for everyone.

You can find our current WEBinERSA program on our homepage in the Ersas Training section.

### THAT'S HOW IT WORKS

- Register via our homepage
- Receive confirmation and a link to access your WEBinERSA
- Dial in 5 minutes before the WEBinERSA starts
- Listen to the presentation and get directly in touch with the experts
- Note: The software does not have to be available in the company, it is a web link

#### YOUR BENEFIT:

- Worldwide and location-independent access to technology know-how
- Qualification of employees through digital system and process training
- Increased flexibility due to online trainings
- Exchange with experts on current topics in electronics production

### DO YOU HAVE QUESTIONS?



**Kevin Schmidt**  
Tel.: +49(9342)800-456  
Mail: Kevin.Schmidt@kurtzrsa.de



**Fee**  
for free



**Book training dates on**  
You can find all details of the training on:  
[kurtzrsa.com/services/webinare](http://kurtzrsa.com/services/webinare)



# CUSTOMER-SPECIFIC WEBinERSA

## FOR HAND SOLDERING AND REWORK FOR MACHINE SOLDERING AND STENCIL PRINTING

### SHORT DESCRIPTION

In our customized WEBinERSA we offer exclusive 60- to 90-minutes of interactive technology sessions which are individually tailored to your wishes and needs. You choose the focus of the on-line session:

Whether stencil printing, reflow soldering, wave and selective soldering, hand soldering, rework, optical inspection, Industry 4.0 or practical explanations - the contents are precisely tailored to the needs of your employees.

### THAT'S HOW IT WORKS

- Select subject area with focus together with your contact person
- Make an appointment
- Receive link for dial-in
- Listen to customized presentation and enter into exchange with subject matter experts

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### DO YOU HAVE QUESTIONS?



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**Dates**  
On request



**Fee**  
for free



## SEMINAR INFORMATION

Increase the know-how in soldering systems in your electronics production with the comprehensive Erska training portfolio: On site in the fully equipped Application Center and additionally via the available online offers.

Plan individually according to your needs.  
Register now – by phone, e-mail or on the web..

**Ersa GmbH, Leonhard-Karl-Str. 24, 97877 Wertheim**  
**Tel. +49 9342 800-0, [www.ersa.com](http://www.ersa.com)**

## APPLICATION CENTERS APPLICATION CENTERS WORLDWIDE

Look forward to the modern Erska Seminar Center in Wertheim/Germany – on the top floor of the new Erska location you will find ideal conditions for knowledge transfer in the generously proportioned conference rooms. Just a few steps away is also the AVLE course center – a few steps further are our flow productions operating according to Industry 4.0 standards and the Customer Care Center, where tests and machine acceptance tests take place. The Erska Application Centers around the globe are fully equipped with the latest equipment for any conceivable soldering

task - from high-tech soldering systems to soldering tools from the "Tools, Rework & Inspection" division. Erska's experienced application engineers are ready to demonstrate and test Erska hardware for your specific requirements. For us, the job is not done until we have worked out a perfect match and are allowed to optimize your assembly together with you under precisely defined conditions. Nearby con-

ference rooms complete our infrastructure to enable an intensive exchange of experience. The Erska Team is looking forward to welcome you to one of our Application Centers – whether for testing, training, Tech-Days or Know-How Seminars.

Thanks to our international presence there is one Erska Application Center certainly also within your reach!

Customer Care Center Wertheim, Germany



Wertheim, Germany



Wertheim, Germany



Wertheim, Germany



Shanghai, China



Shenzhen, China



Pulau Penang, Malaysia



Ho-Chi-Minh-City, Vietnam



Guadalajara, Mexico

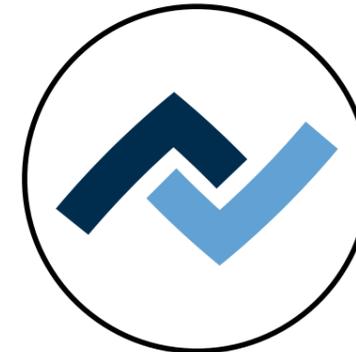


Plymouth, USA

MACHINE SOLDERING AND STENCIL PRINTING	
Process	
Course	Dates
<b>Ersa Know-How Seminar:</b> Hand soldering and Rework	16.09. - Hand soldering 17.09. - Rework
<b>Ersa Know-How Seminar:</b> Lead-free wave and selective soldering	08.04. - 09.04.2026
<b>Ersa Know-How Seminar:</b> Reflow soldering and stencil printing	06.10. - Stencil printing 07.10. - Reflow soldering
<b>Customer-Specific Technology Days</b>	On request
<b>eLearning</b> Process courses	always available
Service	
Course	Dates
<b>eLearning:</b> Operating and maintenance training courses ■ Operating ■ Basic & Advanced Knowledge ■ Maintenance ■ Examination with certificate	always available
<b>Customer-specific practical training</b> Operation and maintenance	On request

HAND SOLDERING AND REWORK	MACHINE SOLDERING AND STENCIL PRINTING
Digital	
Course	Dates
<b>Live demonstrations</b> Live demonstrations and tests on you assemblies in the Ersa Application Center	On request
<b>WEBinERSA</b> For hand soldering and rework For machine soldering and stencil printing	kurtzrsa.com/trainings
<b>Customer-Specific WEBinERSA</b> For hand soldering and rework For machine soldering and stencil printing	On request
<b>eLearning</b> For Rework   For maschine soldering and stencil printing	always available

Special dates and in-house trainings on request!



**Ersa GmbH**

Leonhard-Karl-Str. 24, 97877 Wertheim / Germany

Phone: +49 9342 800-0

Mail: [ersa-training@kurtzrsa.com](mailto:ersa-training@kurtzrsa.com) | [kurtzrsa.com/trainings](http://kurtzrsa.com/trainings)

**Conditions of participation**

**1. Participants**

Participation is open to everyone meeting the requirements for each course specified in the program catalog.

**2. Registration**

Registration for courses must ensue in written form. The details you provide will be stored in an address file for internal processing. Registrations will be processed in the order in which they reach us. The registration deadline ends two weeks before the beginning of the respective course. Registrations reaching us later will be taken into account should places still be available.

**3. Fees and payment**

**3.1** The fees are subject to VAT and are payable by five days prior to the beginning of the course at the latest. The course fees also cover the course documentation and break-time snacks during the event. Travel expenses and any costs for accommodation and the evening meal on multi-day courses will be borne by the participants or the registering party.

**3.2** For cancellations up to two weeks prior to the beginning of the course, a handling charge of EUR 120 plus VAT will be levied per participant.

**3.3** In the case of cancellations at a later point, or non-participation, the full course fee will be charged.

**3.4** Participation authorisation can be transferred at any time to a substitute participant specified in writing. Notification of cancellation must be submitted by post, e-mail or telefax.

**3.5** Interrupting or discontinuing participation in a course which has already commenced does not release the party concerned from the obligation to pay the course fee in full.

**4. Rules**

The participant is obliged to acknowledge and observe the rules for the course. He must also comply with the instructions of the training staff. An infringement of these obligations can lead to the attendee being excluded from further participation in the course without their being released from the obligation to pay the fee.

**5. Cancellation of lessons**

Should the training facility be prevented from holding lessons by events which are outside its sphere of influence, no entitlement to replacement sessions at a later date shall apply.

**6. Cancellation of courses**

The training facility is entitled to cancel a course for economic or organisational reasons. In this event, the training facility shall refund the fees already paid. Further claims, e.g. reimbursing of cancellation or change of reservation fees for transport or overnight stays booked by the participant are excluded.

**7. Use of course documents**

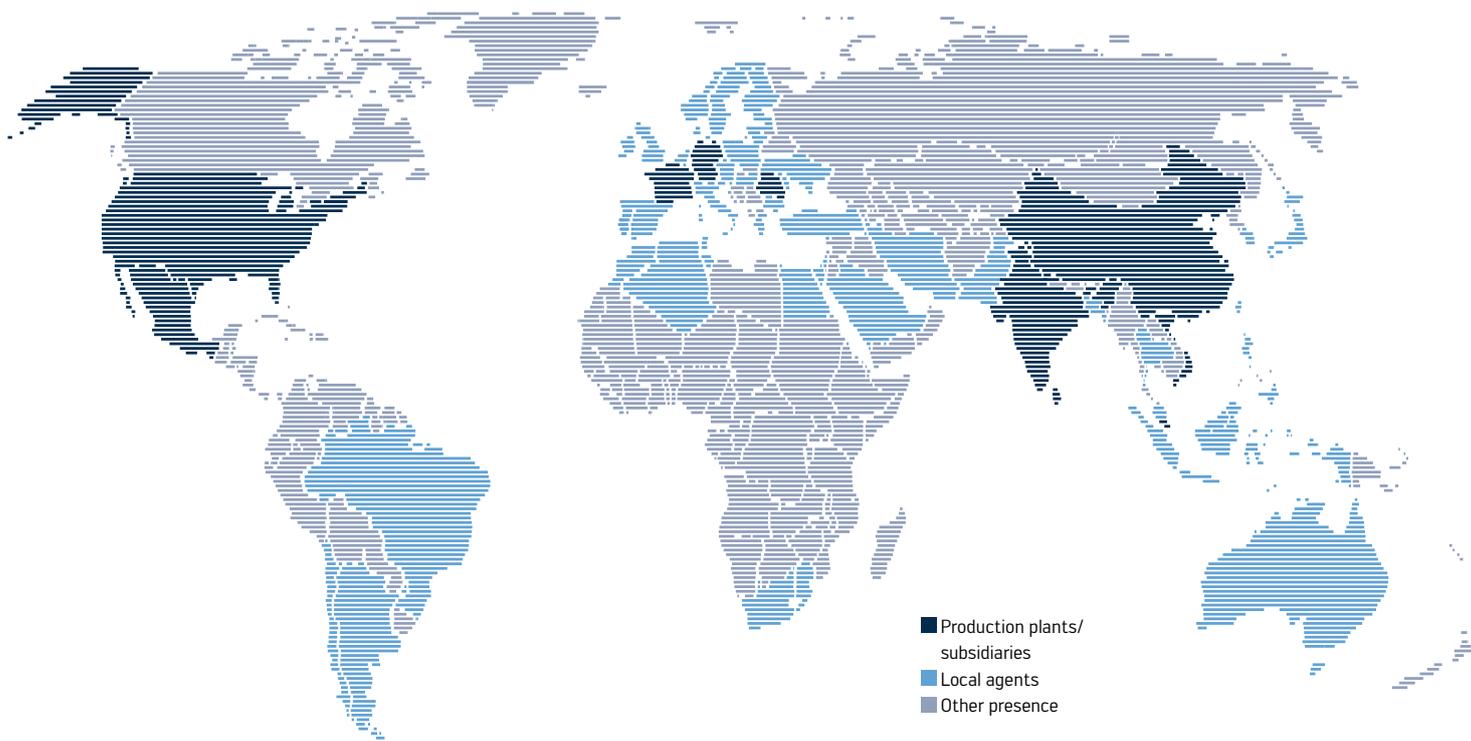
Course documentation is protected by copyright. Participants are granted only a simple, non-transferable right of use for personal purposes. In particular, participants and third parties are not permitted to amend the course documents, or extracts thereof - either in editorial terms or with regard to content - or to use amended versions, to copy them for third parties, make them publicly accessible, post them on the internet or on other networks, either with or without charge, to reproduce them, sell them on or use them for commercial purposes.

Ersa, as the organiser, shall not be liable for damage to, or the loss or theft of personal items or the vehicle.



# ELECTRONICS PRODUCTION EQUIPMENT

Worldwide presence



## USA

Kurtz Ersa, Inc.  
Plymouth, WI  
usa@kurtzersa.com

## Mexico

Kurtz Ersa, S.A. de C.V.  
Guadalajara  
info-kmx@kurtzersa.com  
Kurtz Ersa Manufacturing Mexico  
Ciudad Juárez  
info-kemm@kurtzersa.com

## China

Kurtz Ersa Asia Ltd.  
Hongkong  
asia@kurtzersa.com

Ersa Shanghai  
Shanghai  
info-esh@kurtzersa.com

## Vietnam

Kurtz Ersa Vietnam Company Limited  
Bac Ninh  
info-kev@kurtzersa.com

## Singapore

Kurtz Ersa Singapore (Pte. Ltd.)  
info.kes@kurtzersa.com

## India

Kurtz Ersa India  
Smart Production Technologies  
Private Limited  
Bangalore  
india@kurtzersa.com

## France

Kurtz Ersa FRANCE  
Haguenu  
kefrance@kurtzersa.com

## Romania

Kurtz Ersa Romania S.R.L.  
300748 Timisoara  
info.romania@kurtzersa.com

Ersa GmbH  
Leonhard-Karl-Str. 24  
97877 Wertheim/Germany

Phone +49 9342 800-0  
Fax +49 9342 800-127  
info@ersa.de

[www.ersa.de](http://www.ersa.de)  
[www.ersa.com](http://www.ersa.com)

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