



# Expert Training

Experienced Hapa technicians provide both theoretical and hands-on training in order to assure long term quality and profitability in your production.

This Expert Training is one of several training courses offered by Hapa for **automation technicians or engineers**. Our experts, who are familiar with your daily business, will bring your employees to a new level of valuable knowledge.



**Minimized downtime**



**Flexibility**



**Expertise**

## Your benefits

- Increase in productivity and lifecycle of your machine
- Scheduling of repair times is in your hands
- Optimal settings lead to less material wear and waste
- Maintenance by your own personell according to GMP
- Fast recognition and correction of small errors
- Efficient communication with Hapa Customer Service
- Minimalization of production downtimes

## General conditions

- Prerequisite: skills on the level of our Advanced Training necessary
- Training at customer site or Hapa Training Center
- Maximum 4 participants per training
- Training languages English and German (other languages on request)

# Training content

	Flexo systems	Hybrid systems	Digital systems
<b>EXPERT Electrical &amp; Software Training</b>	<b>1 day</b>	<b>1 day</b>	<b>1 day</b>
Electrical diagrams reading advanced	X	X	X
Components interaction	X	X	X
Electrical components	X	X	X
Control system (e.g. H100 controller; B&R)**	X	X	X
Download machine software	X	X	X
Control cabinet	X	X	X
Electrical & ink cabinet	X	X	X
Print quality DOD heads		X	X
Machine faults & messages	X	X	
Data flow & configuration of interfaces	X	X	X
Industrial PC (Win 10)		X*	X*
Troubleshooting (theory & practical)	X	X	X

\*depends on machine type

\*\*Note (for Hapa G2 printers only): The Hapa Advanced and Expert Training sessions refer to and will use the Hapa-developed software Winsoftstep for analyzing tasks to troubleshoot a malfunctioning Hapa printer. The software is not included in the training course fee, but can be bought with the SKU 100-99-91-980B.

Haven't found the perfect training yet? We also offer a Basic Training, Advanced Training and Special Trainings.

Contact us at [service-sales@hapa.ch](mailto:service-sales@hapa.ch) and we will give you a quote based on your own machines or customize our training to your individual needs.