

Basic Application Trainings

Our Basic Application Trainings (BAT) provide beginners and users with the knowledge they need to make optimum use of the HYDRA system - from configuration and master data maintenance to setting up the MES functions.
Key users also learn how to prepare information and instruct internal users.

HYDRA MES Processes BAT-MPR ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>18. - 20.01. 12. - 14.07. 11. - 13.10.</td><td>15. - 17.03.</td></tr></table>	GER	ENG	18. - 20.01. 12. - 14.07. 11. - 13.10.	15. - 17.03.	HYDRA Machine Data & Shop Floor Integration BAT-SFI ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>21. - 22.01. 14. - 15.10.</td><td>18. - 19.03.</td></tr></table>	GER	ENG	21. - 22.01. 14. - 15.10.	18. - 19.03.	Advanced Planning & Scheduling BAT-APS ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>02. - 04.02.</td><td>22. - 24.11.</td></tr></table>	GER	ENG	02. - 04.02.	22. - 24.11.	HYDRA DNC Data Transfer BAT-DNC ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>13.04. 01.12.</td><td>(on request)</td></tr></table>	GER	ENG	13.04. 01.12.	(on request)	HYDRA Energy Management BAT-EMG ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>15. - 16.02. 29. - 30.11.</td><td>(on request)</td></tr></table>	GER	ENG	15. - 16.02. 29. - 30.11.	(on request)	HYDRA Human Resources BAT-HHR ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>15. - 18.06.</td><td>(on request)</td></tr></table>	GER	ENG	15. - 18.06.	(on request)	HYDRA Material & Production Logistics BAT-MPL ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>28. - 29.10.</td><td>20. - 21.04.</td></tr></table>	GER	ENG	28. - 29.10.	20. - 21.04.
GER	ENG																																	
18. - 20.01. 12. - 14.07. 11. - 13.10.	15. - 17.03.																																	
GER	ENG																																	
21. - 22.01. 14. - 15.10.	18. - 19.03.																																	
GER	ENG																																	
02. - 04.02.	22. - 24.11.																																	
GER	ENG																																	
13.04. 01.12.	(on request)																																	
GER	ENG																																	
15. - 16.02. 29. - 30.11.	(on request)																																	
GER	ENG																																	
15. - 18.06.	(on request)																																	
GER	ENG																																	
28. - 29.10.	20. - 21.04.																																	
HYDRA Administration MES Weaver BAT-MW ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>02. - 03.03. 26. - 27.10.</td><td>(on request)</td></tr></table>	GER	ENG	02. - 03.03. 26. - 27.10.	(on request)	HYDRA Process Data BAT-PDV ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>11. - 12.02. 10. - 11.11.</td><td>(on request)</td></tr></table>	GER	ENG	11. - 12.02. 10. - 11.11.	(on request)	HYDRA Quality Management BAT-QMG ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>19. - 21.10.</td><td>13. - 15.04.</td></tr></table>	GER	ENG	19. - 21.10.	13. - 15.04.	HYDRA Tool & Recource Management BAT-WRM ① Detailed Information <table><tr><td>GER</td><td>ENG</td></tr><tr><td>23.02. 18.11.</td><td>(on request)</td></tr></table>	GER	ENG	23.02. 18.11.	(on request)	 Click on "Detailed Information" to be redirected to the webshop and further information														
GER	ENG																																	
02. - 03.03. 26. - 27.10.	(on request)																																	
GER	ENG																																	
11. - 12.02. 10. - 11.11.	(on request)																																	
GER	ENG																																	
19. - 21.10.	13. - 15.04.																																	
GER	ENG																																	
23.02. 18.11.	(on request)																																	

Extended Application Trainings

Our Extended Application Trainings (EAT) provide in-depth technical and project knowledge on selected HYDRA applications.
Practical exercises help you to apply what you have learned effectively in your company.

HYDRA Administration EAT-ADM ① Detailed Information GER ENG 04.03. 28.10. (on request)		Advanced Planning & Scheduling EAT-APS ① Detailed Information GER ENG 08. - 09.06. (on request)		MES Terminal EAT-AIP ① Detailed Information GER ENG 26.01. 26.07. (on request)		HYDRA Quality Management EAT-CAQ ① Detailed Information GER ENG 22.10. (on request)		HYDRA Data Administration & Corrections EAT-COR ① Detailed Information GER ENG 27.01. 27.07. (on request)		Process Communication Controller EAT-PCC ① Detailed Information GER ENG 09. - 10.02. 08. - 09.11. (on request)	
---	--	--	--	---	--	--	--	--	--	---	--

Customizing Trainings

Become an MPDV developer and learn independent development in the Customizing Trainings (CUT) in order to plan, develop and implement adaptations and customizations individually for your company.

HYDRA Database CUT-HDB ① Detailed Information ENG 06.09. 04.10.	MOC Applications & Services CUT-MOC ① Detailed Information ENG 20. - 22.09. (1/2) 27. - 30.09. (2/2)	MES Services (Acquisition & Information) CUT-AIS ① Detailed Information ENG 13. - 17.09.	HYDRA Label Design CUT-ETD ① Detailed Information ENG 23. - 24.09.	HYDRA Measuring Equipment Interface CUT-IMI ① Detailed Information ENG (on request)	Enterprise Integration Interface CUT-MLE ① Detailed Information ENG 12. - 14.10.	Process Communication Controller CUT-PCC ① Detailed Information ENG 19. - 20.10.
HYDRA Report Design CUT-RPD ① Detailed Information ENG 25. - 27.10.	Smart MES Applications CUT-SMA ① Detailed Information ENG 05. - 06.10.					

Live Classes

Live Classes offer half-day sessions in which practical HYDRA X topics are taught and dialogue with other users is encouraged.

Migration

LC-MIG

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

HYDRA Interoperability

LC-IOP

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Infrastructure and IT Operations of MIP 2, HYDRA X & FEDRA 2

LC-IIO

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

„Mit Lean und IT zur Smart Factory“

LC-LSF

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

AI Suite

LC-AIS

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

„Lean Basics: Überblick über die Lean-Philosophie“

LC-LPH

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Machine Connection with HYDRA

LC-MAA

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

„Lean Management: Aufbau eines Produktionssystems“

LC-LMG

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Optimal Use of Reporting in HYDRA

LC-REP

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Principles of Customization in HYDRA X

LC-CUS

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Information Flow on the Shop Floor

LC-INF

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Functional Highlights of HYDRA X & FEDRA 2

LC-FHL

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Interface Integration ERP

LC-ERP

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Connectivity and Interoperability with MIP 2, HYDRA X & FEDRA 2

LC-CIO

ⓘ Detailed Information

GER	ENG
(on request)	(on request)

Certification

ⓘ More Details

MES HYDRA Certified Specialist (MF, QM, HR)

CER-MHS

25.03.

18.06.

24.09.

10.12.

Subject to change without notice - Effective from: 01. Jan 2026

MPDV Training Centers Worldwide

Germany Headquarter MPDV Mikrolab GmbH Römmerring 1 D-74821 Mosbach +49 6261 9209-0 trainings@mpdv.com	USA MPDV USA Inc., Chicago 10720 W. 143rd Street 60462 Orland Park, IL +1 708 966 4290 trainings.usa@mpdv.com
China MPDV Software and Technology Services (Shanghai) Co., Ltd. 425 Yishan Road Pole Tower, Unit 903 200235 XuHui District, Shanghai +86 21 5632 1032 trainings.cn@mpdv.com	Asia MPDV Asia Pte. Ltd. 46 Kim Yam Road #01-11 The Herencia 239351 Singapore +65 6836 7790 trainings.sg@mpdv.com

Remarks

Development Trainings are offered in English by default. The final language of the training depends on the participants and will be determined at short notice. Our public trainings will take place online. For any needs and wishes of face-to-face trainings, do not hesitate to contact us. Please note that the calendar is updated on an annual basis and the dates of the training courses may be fully booked, changed or cancelled. For any further training needs, even beyond what is presented, do not hesitate to contact us at trainings@mpdv.com or by phone at +49 6261 / 9209 352.

Terms and conditions of MPDV Training & Certification: <https://www.mpdv.com/media/services-trainings/mpdv-bedingungen-training-certification.pdf>