

YASXFER

BY MEIEREDVBERATUNG SINCE 1996



YASXFER PRODUKTPALETTE

- YasXfer
Backup und Speichererweiterung
- YasXio
IO Erweiterung
- YasXfoil
Teach-Box Schutzfolie
- YasXzero
Null Kalibrierung für Motoman
Roboter
- YasXtouch
Fernwartung und Diagnose für
Motoman Roboter



YASXTOUCH PRESENTATION

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- YasXTouch Backup
- YasXTouch Roboadmin
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- YasXTouch Cognex In-Sight Commands
- YasXFER und Meier EDV Beratung Homepage

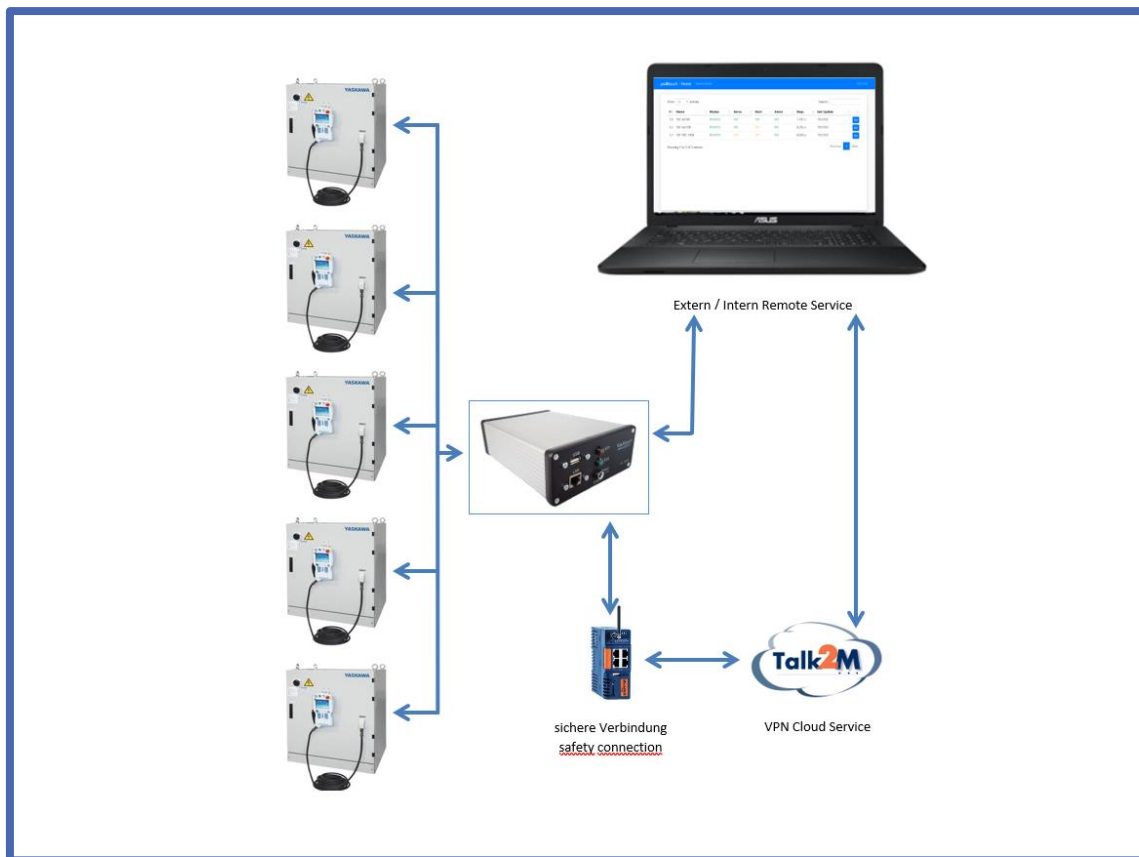
YASXTOUCH IDEA

YasXtouch did not come to enrich the market with another product. It was created as a need for a comprehensive diagnostic tools. It serves the experienced expert for error analysis and preventive maintenance by providing the corresponding data.

YASXTOUCH DEVELOPMENT

With the YasXtouch, great attention was paid to practical operation and functionality. Test installations at various customers and system houses have influenced the feel and functionality of the feedback and suggestions.

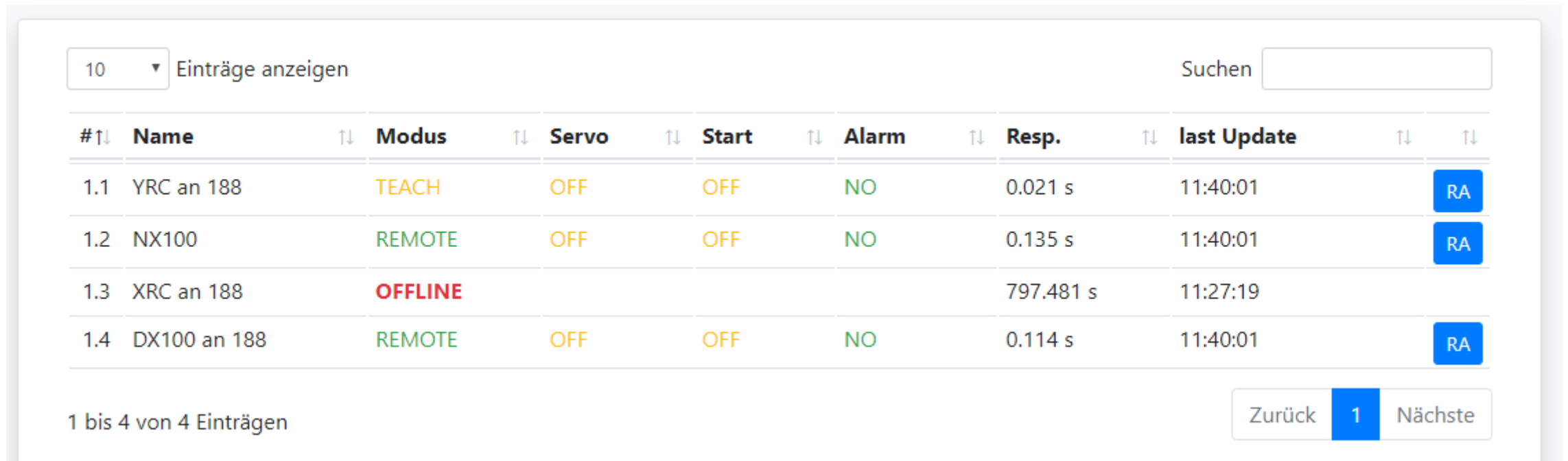
YASXTOUCH SAMPLE INSTALLATION



- Up to 15 Yaskawa Motoman Controller
- several YasXTouch Server
- Web-based operation via standard PC
- VPN can be installed by the customer to keep the data security in there house
- YasXTouch can be safely stored in the server cabinet
- Access via users and groups hierarchically configurable

YASXTOUCH HOME

In the home screen, the user gets a quick overview of the networked robot controls. By networking the YasXTouch server, any number of robot controls can be displayed.



The screenshot displays the YasXTouch home interface. At the top left, there is a dropdown menu set to '10' and the text 'Einträge anzeigen'. To the right is a search bar labeled 'Suchen'. Below this is a table with columns: '#', 'Name', 'Modus', 'Servo', 'Start', 'Alarm', 'Resp.', 'last Update', and a button labeled 'RA'. The table contains four rows of data. At the bottom left, it says '1 bis 4 von 4 Einträgen'. At the bottom right, there is a pagination control with 'Zurück', '1', and 'Nächste' buttons.













#	Name	Modus	Servo	Start	Alarm	Resp.	last Update	
1.1	YRC an 188	TEACH	OFF	OFF	NO	0.021 s	11:40:01	RA
1.2	NX100	REMOTE	OFF	OFF	NO	0.135 s	11:40:01	RA
1.3	XRC an 188	OFFLINE				797.481 s	11:27:19	
1.4	DX100 an 188	REMOTE	OFF	OFF	NO	0.114 s	11:40:01	RA

YASXTOUCH BACKUP

The automatic backup functionality enables a continuous data backup especially for Yaskawa robot systems in order to be able to quickly restore the old version in case of misuse or data loss.

Scheduler

Show entries + Add Schedule Search:

#	Name	Todo	last Run	next Run	last Message	
1	YRC an 188	save JBI Data		2019-05-06 00:00	insert @ 2019-04-29 11:42	  
2	NX100	save all Data		2019-04-30 00:00	insert @ 2019-04-29 11:42	  
3	XRC an 188	save JBI Data		2019-04-30 00:00	insert @ 2019-04-29 11:43	  
4	DX100 an 188	parse Alarme		2019-04-29 14:00	insert @ 2019-04-29 11:43	  

Name Todo last Run next Run last Message

Showing 1 to 4 of 4 entries Previous 1 Next

YASXTOUCH ROBOADMIN

The specialist can quickly get an overview of the plant condition, make adjustments and take preventive action.

The image displays three overlapping screenshots of the yasXtouch - Roboadmin interface, illustrating its capabilities for monitoring and managing a robotic plant.

Left Screenshot: Event Log

The interface shows a table of events with columns for Nr, IN, Kommentar, OUT, and Kommentar. The status bar at the top indicates 'remote', '1 Cycle', 'Servo', 'Start', and 'Hold'. A sidebar on the left contains navigation options: Info, Signale, Universelle E/A, System E/A, Aufzeichnung, Variablen, and Roboter.

Nr	IN	Kommentar	OUT	Kommentar
33	40050	STEP CYCLE SELECT	50050	STEP CYCLE SET
34	40051	1 CYCLE SELECT	50051	1-CYCLE SET
35	40052	CONTINUE CYCLE SELECT	50052	CONT CYCLE SET
36	40053	PLAY MODE ENABLE	50053	TEACH MODE SET
37	40054	EXT SERVO OFF 3 (E-STOP CATEGORY 1)	50054	PLAY MODE SET
38	40055		50055	
39	40056	PROHIBIT PP	50056	CMD REMOTE SET
40	40057	PROHIBIT I/O	50057	
41	40060	MACHINE LOCK	50060	SAFETY SPEED SET
42	40061	SHOCK DETECTION INVALID	50061	DRY RUN SET
43	40062		50062	MACHINE LOCK SET
44	40063	OT RELEASE REQ	50063	SOFT LIMIT SET RELEASE
45	40064	EDIT LOCK	50064	CHECK RUN SET
46	40065	EXT SERVO OFF 1 HOLD STOP	50065	APL KEY
47	40066	EXT SERVO OFF 2 (E-STOP CATEGORY 0)	50066	POSITION CHECKED
48	40067	EXT HOLD	50067	RUNNING AT FULL-SPEED

Middle Screenshot: Event Details

This view shows a detailed log of events with columns for Zeit, Ereignis, and Anmelde-name. The status bar and sidebar are consistent with the other screenshots.

Zeit	Ereignis	Anmelde-name
28.04.19 08:16	TEACH MODE	
28.04.19 08:16	PLAY MODE	
28.04.19 08:16	OTHER FILE EDT	
28.04.19 08:16	OTHER FILE EDT	
28.04.19 05:44	PLAY MODE	
28.04.19 05:42	JOB DELETE	
27.04.19 18:40	PLAY MODE	
27.04.19 18:40	JOB DELETE	
27.04.19 18:39	JOB DELETE	

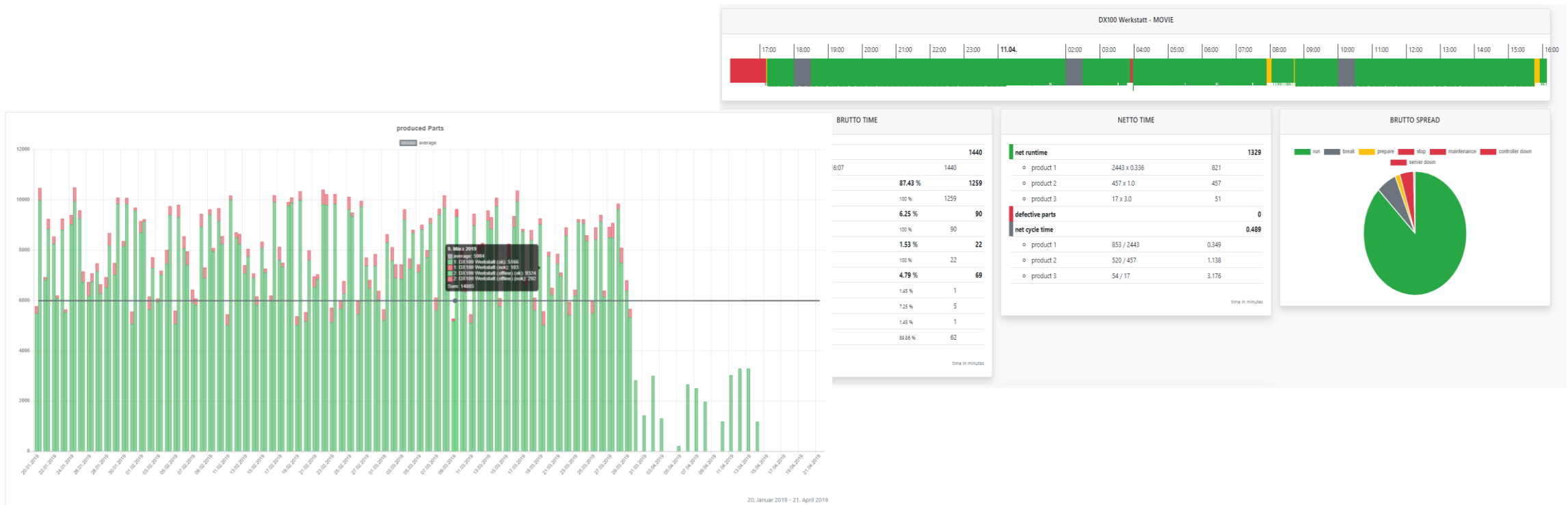
Right Screenshot: Robot Management

This view displays a list of robots with columns for #, Name, Typ, and status icons. The status bar and sidebar are consistent with the other screenshots.

#	Name	Typ
1	!KPI-PRODUKT1.JBI	JBI
2	!KPI-PRODUKT2.JBI	JBI
3	!KPI-PRODUKT3.JBI	JBI
4	!KPI-REPAIR.JBI	JBI
5	!KPI-REPAIR2.JBI	JBI
6	!KPI.JBI	JBI
7	!PRODUKT1.JBI	JBI
8	!PRODUKT2.JBI	JBI
9	!PRODUKT3.JBI	JBI
10	!UNTERJOB.JBI	JBI

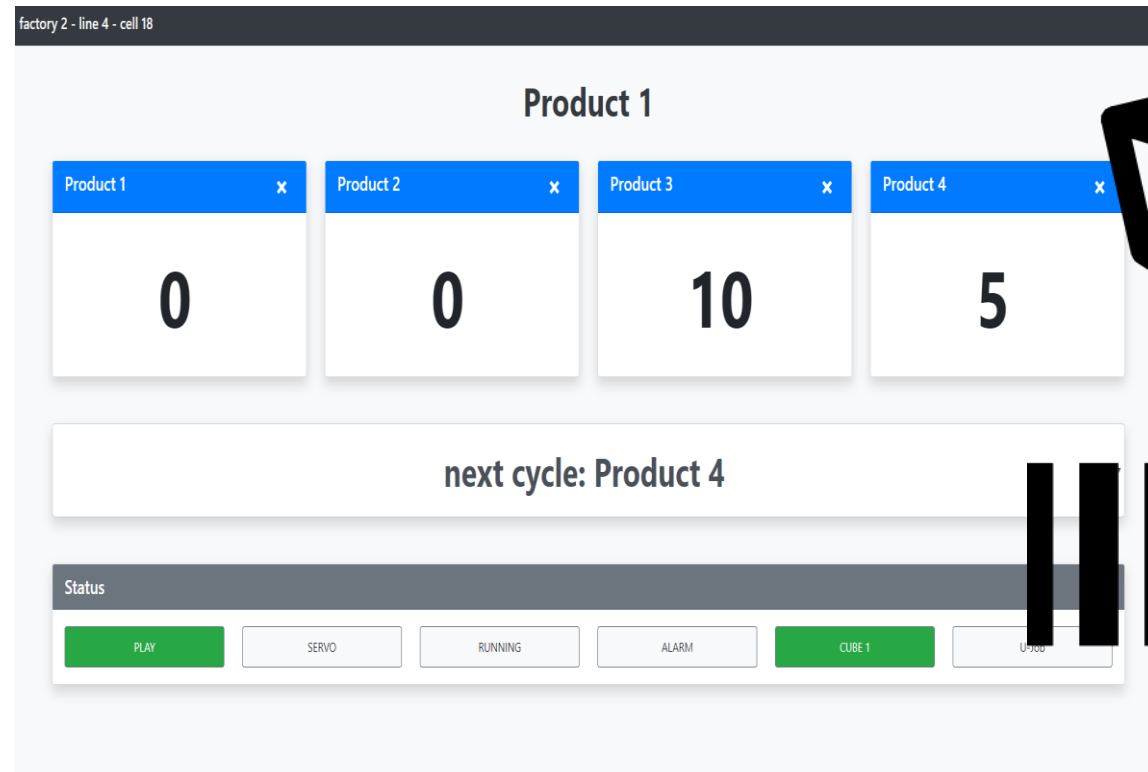
YASXTOUCH KPI

The KPI (Key Performance Index) module records machine data. Various key figures are calculated, stored and displayed.



YASXTOUCH HMI

The HMI module allows user-defined information exchange with the robot cell. Standard USB scanners for product input can be integrated.



The screenshot displays the YASXTOUCH HMI interface for 'factory 2 - line 4 - cell 18'. The main section is titled 'Product 1' and features four product count displays: Product 1 (0), Product 2 (0), Product 3 (10), and Product 4 (5). Below these is a 'next cycle: Product 4' indicator. The 'Status' bar at the bottom includes buttons for PLAY, SERVO, RUNNING, ALARM, CUBE 1, and 0/100.

Product 1	Product 2	Product 3	Product 4
0	0	10	5

next cycle: Product 4

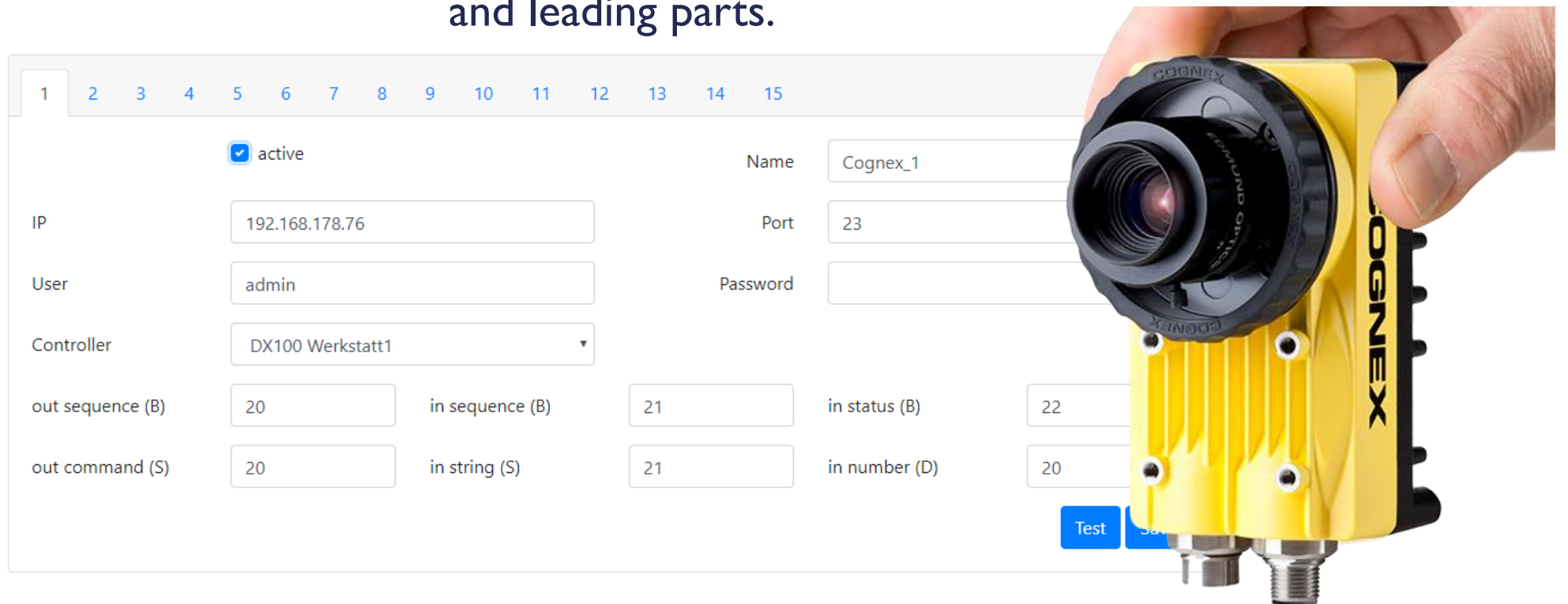
Status: PLAY SERVO RUNNING ALARM CUBE 1 0/100



YASXTOUCH COGNEX IN-SIGHT

The Cognex option allows communication with Cognex In-Sight cameras.

No further software or hardware adjustments are required on the robots. Thus, a quick and cost-effective implementation of projects is possible when it comes to checking, identifying and leading parts.



The image displays a software configuration interface for a Cognex In-Sight camera. The interface is organized into a grid with 15 numbered tabs at the top. The active tab is 1. The configuration fields include:

- active
- Name: Cognex_1
- IP: 192.168.178.76
- Port: 23
- User: admin
- Password: (empty field)
- Controller: DX100 Werkstatt1 (dropdown menu)
- out sequence (B): 20
- in sequence (B): 21
- in status (B): 22
- out command (S): 20
- in string (S): 21
- in number (D): 20

At the bottom right of the interface, there are buttons for "Test" and "Save". To the right of the interface, a hand is holding a yellow Cognex In-Sight camera, showing its lens and the "COGNEX" branding.

YASXFER UND MEIER EDV BERATUNG HOMEPAGE

- <http://yasxfer.de>
- <https://meieredvberatung.de>
- <https://meieredvberatung.de/download/>