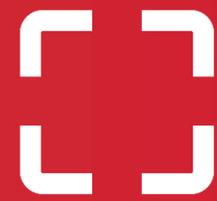


ANCA
CNC MACHINES

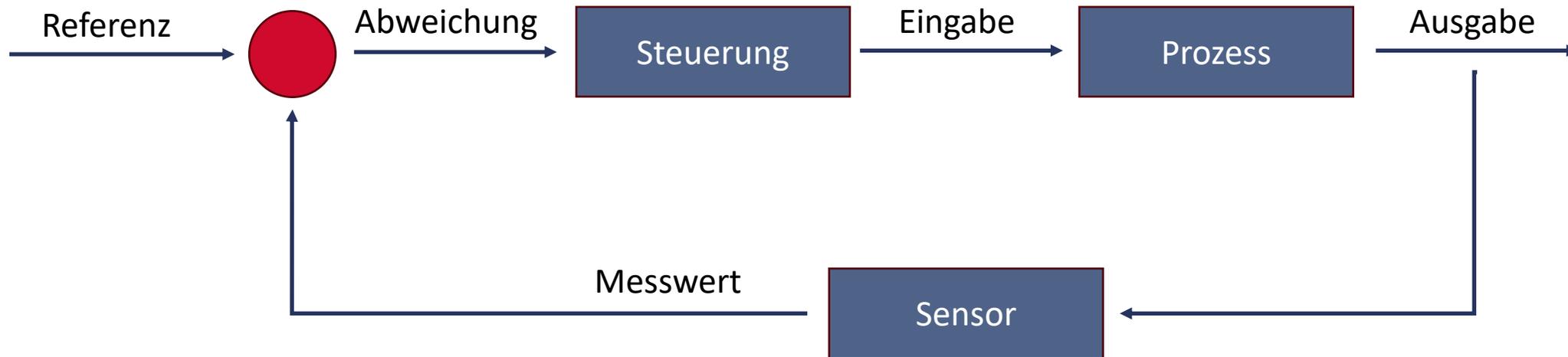
Wenn Maschinen miteinander sprechen
Steffen Kluth – Wernesgrüner Werkzeugsymposium 2024

 **AIMS**

CONNECT, AUTOMATE, CREATE



Der CLOSED LOOP



Der CLOSED LOOP



Der CLOSED LOOP



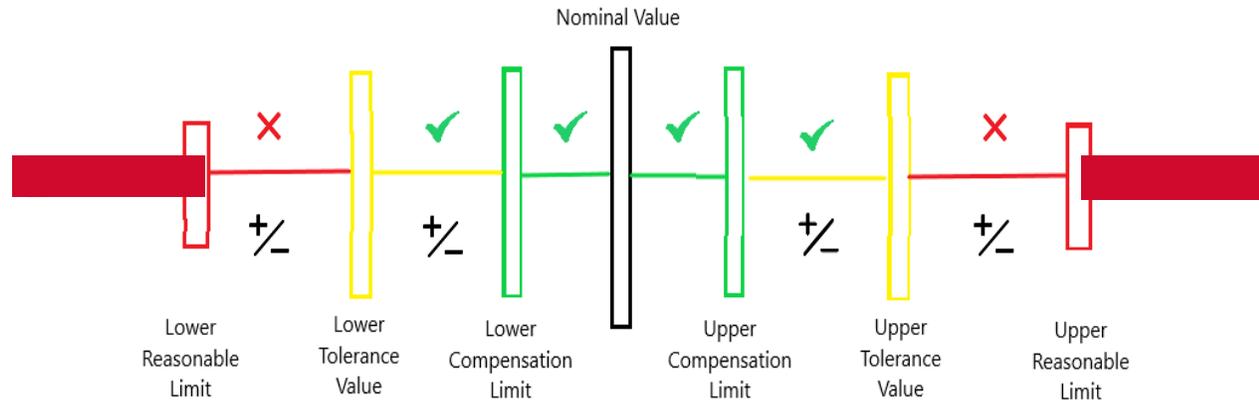
Der CLOSED LOOP



Der CLOSED LOOP



Der CLOSED LOOP



Measurement Machine Wizard

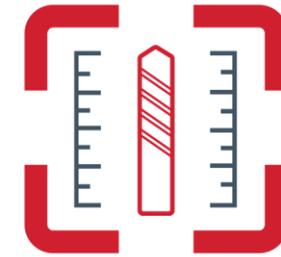
Select the features you want to measure and specify the compensation parameters

All Operations

Import Parameters From File

	Operation	Nominal	Tolerance		Reasonable Limit		Compensation Limit		Compensation	Location
			Upper	Lower	Upper	Lower	Upper	Lower		
<input type="checkbox"/>	Flute from Solid									
<input checked="" type="checkbox"/>	Hook angle	20.0 °	1.0 °	-1.0 °	5.0 °	-5.0 °	0.0 °	0.0 °	100.0%	-6.78mm
<input type="checkbox"/>	Helix lead	103.5775...	0.02 mm	-0.02 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	100.0%	-7.0mm
<input checked="" type="checkbox"/>	Core diameter	6.13 mm	0.05 mm	-0.1 mm	5.0 mm	-5.0 mm	0.0 mm	0.0 mm	100.0%	-6.78mm
<input type="checkbox"/>	Flute length	31.0 mm	0.01 mm	-0.01 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	100.0%	-29.5mm
<input type="checkbox"/>	Endface Gash									
<input type="checkbox"/>	Axial rake	5.0 °	0.15 °	-0.15 °	0.0 °	0.0 °	0.0 °	0.0 °	100.0%	6.02mm
<input type="checkbox"/>	Center web thickness	0.0 mm	0.01 mm	-0.01 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	100.0%	6.02mm
<input type="checkbox"/>	A Offset	-2.0 °	0.15 °	-0.15 °	0.0 °	0.0 °	0.0 °	0.0 °	100.0%	6.02mm
<input type="checkbox"/>	Gash angle - long teeth	55.0 °	0.15 °	-0.15 °	0.0 °	0.0 °	0.0 °	0.0 °	100.0%	6.02mm

Back Next Finish Cancel

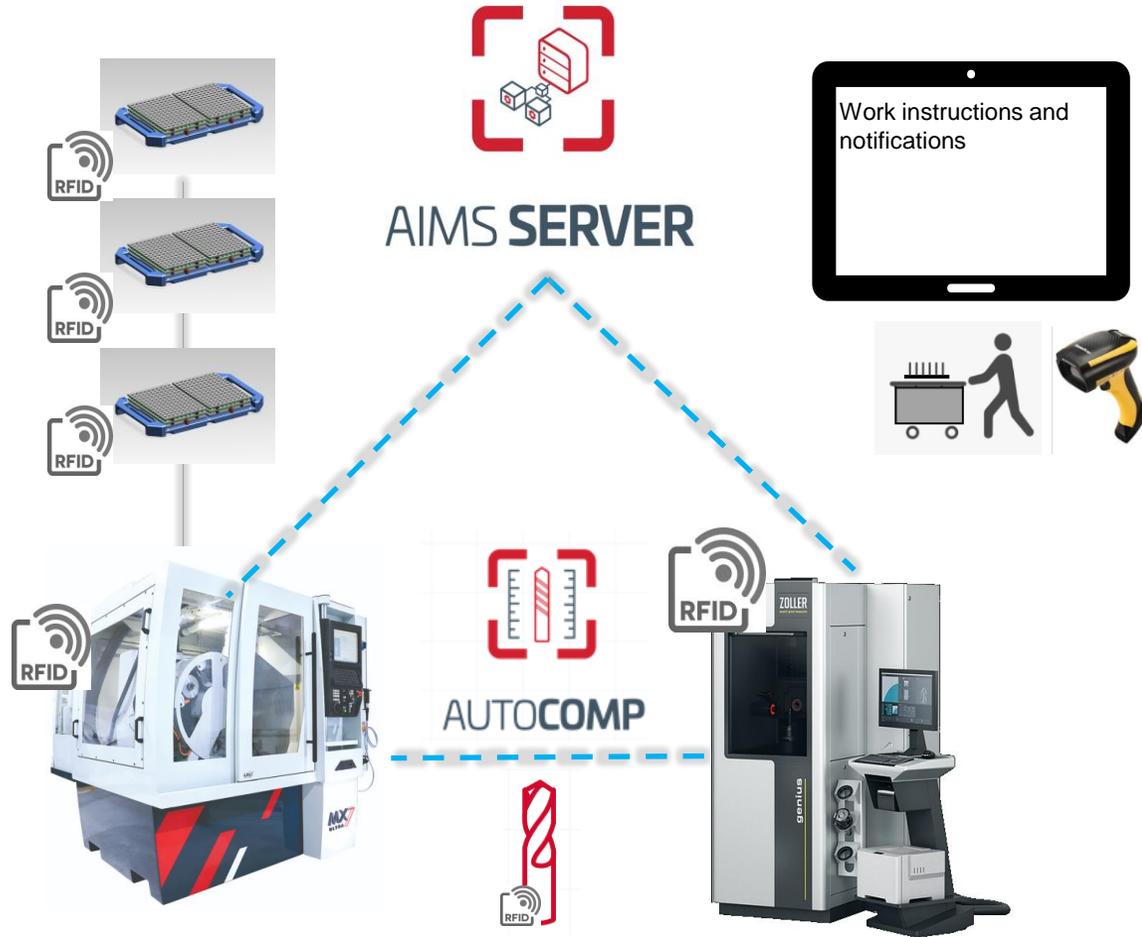


AUTOCOMP

Der CLOSED LOOP 4.0



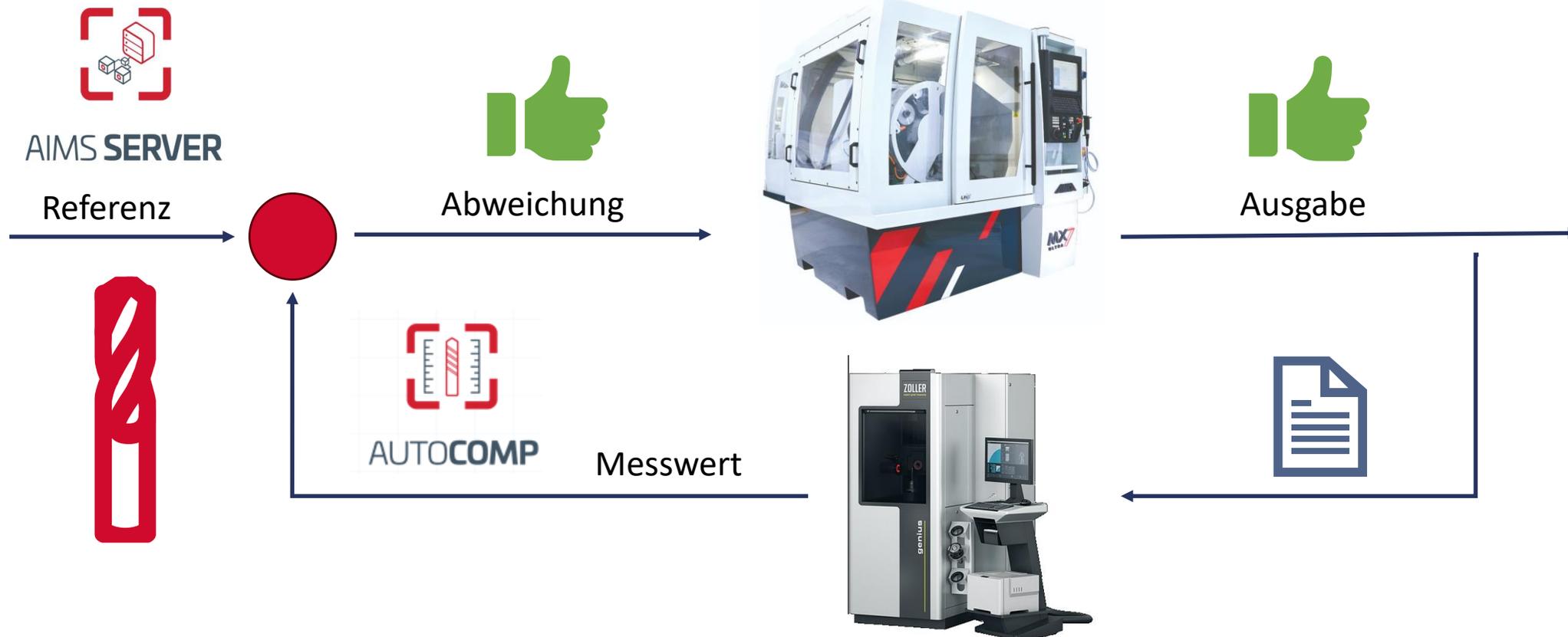
Der CLOSED LOOP 4.0 mit AIMS Connect



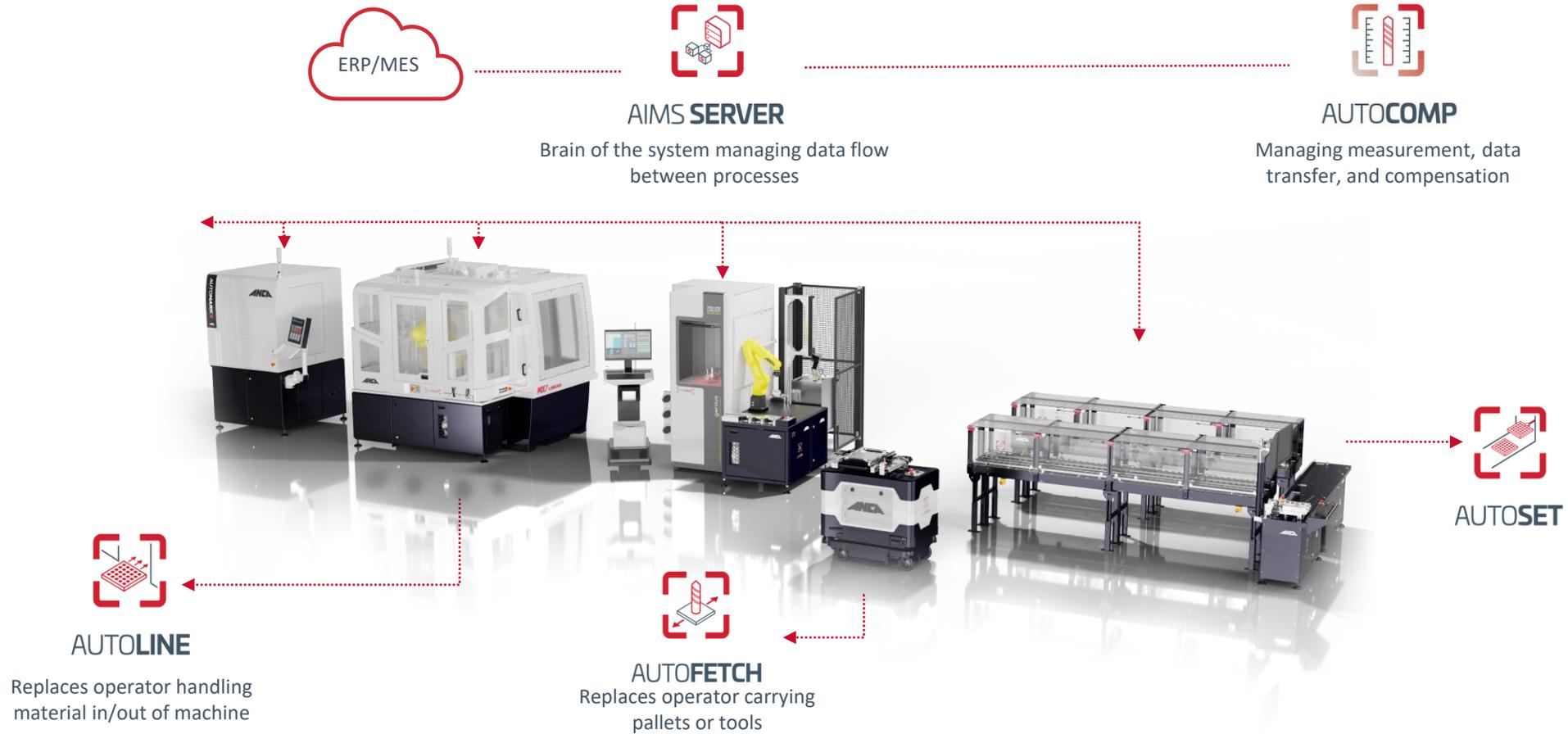
AIMS Connect

- verbindet Maschinen
- informiert Mitarbeitende
- steuert das Job Management
- kompensiert mit AutoComp
- keine hohen Investitionen

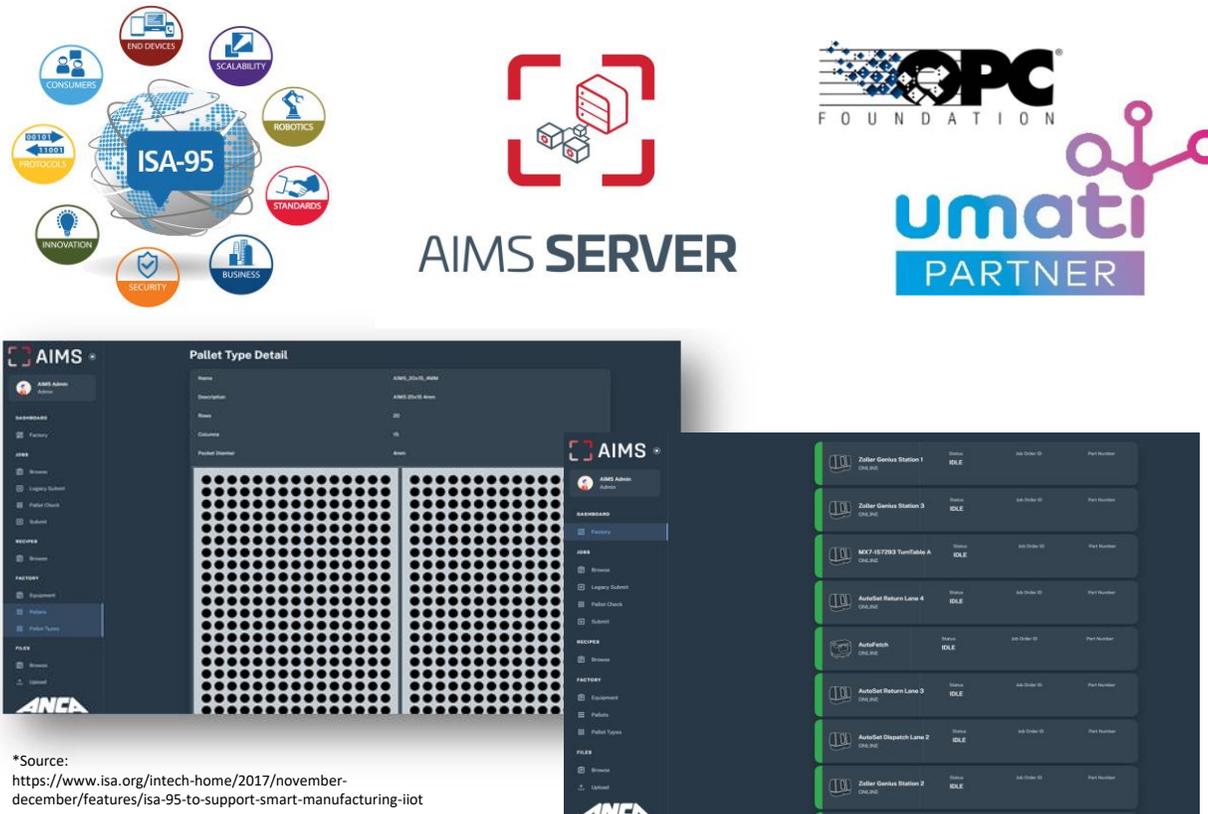
Der CLOSED LOOP 4.0 mit AIMS Connect



Der CLOSED LOOP 4.0 mit AIMS Automate



Der CLOSED LOOP 4.0 mit AIMS Automate

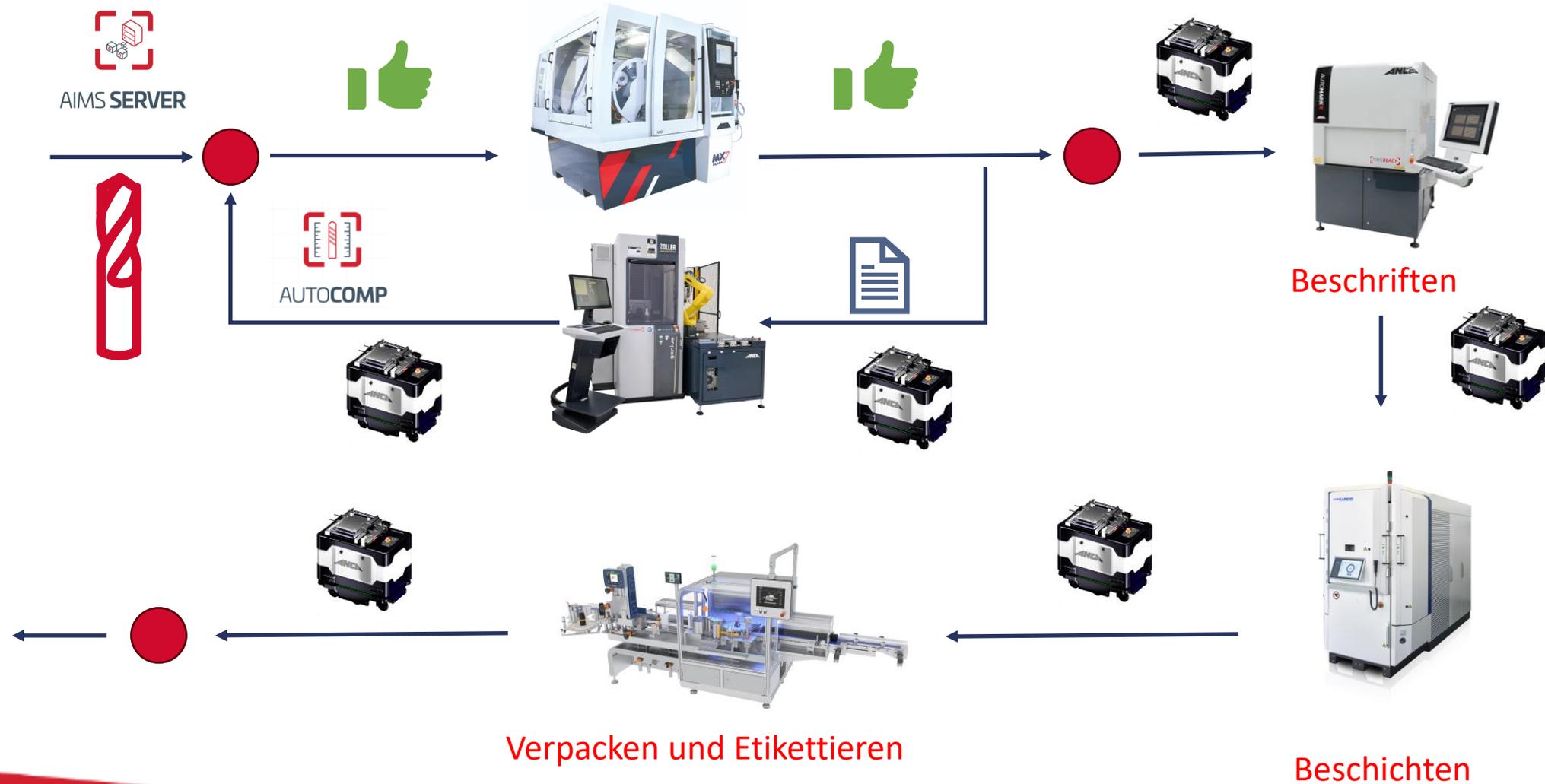


AIMS Server

- Zentrale Produktionskontrolle
- ISA-95 konform
- Zentrale Datenhaltung für Werkzeug- und Scheibendaten
- Ortsunabhängige Web Applikation
- Maschinen Monitoring und Reporting

*Source:
<https://www.isa.org/intech-home/2017/november-december/features/isa-95-to-support-smart-manufacturing-iiot>

Der CLOSED LOOP 4.0 mit AIMS Automate





50 YEARS OF INNOVATION



FEIERN SIE MIT UNS BEI UNSEREN MESSEN UND EVENTS

