

XController

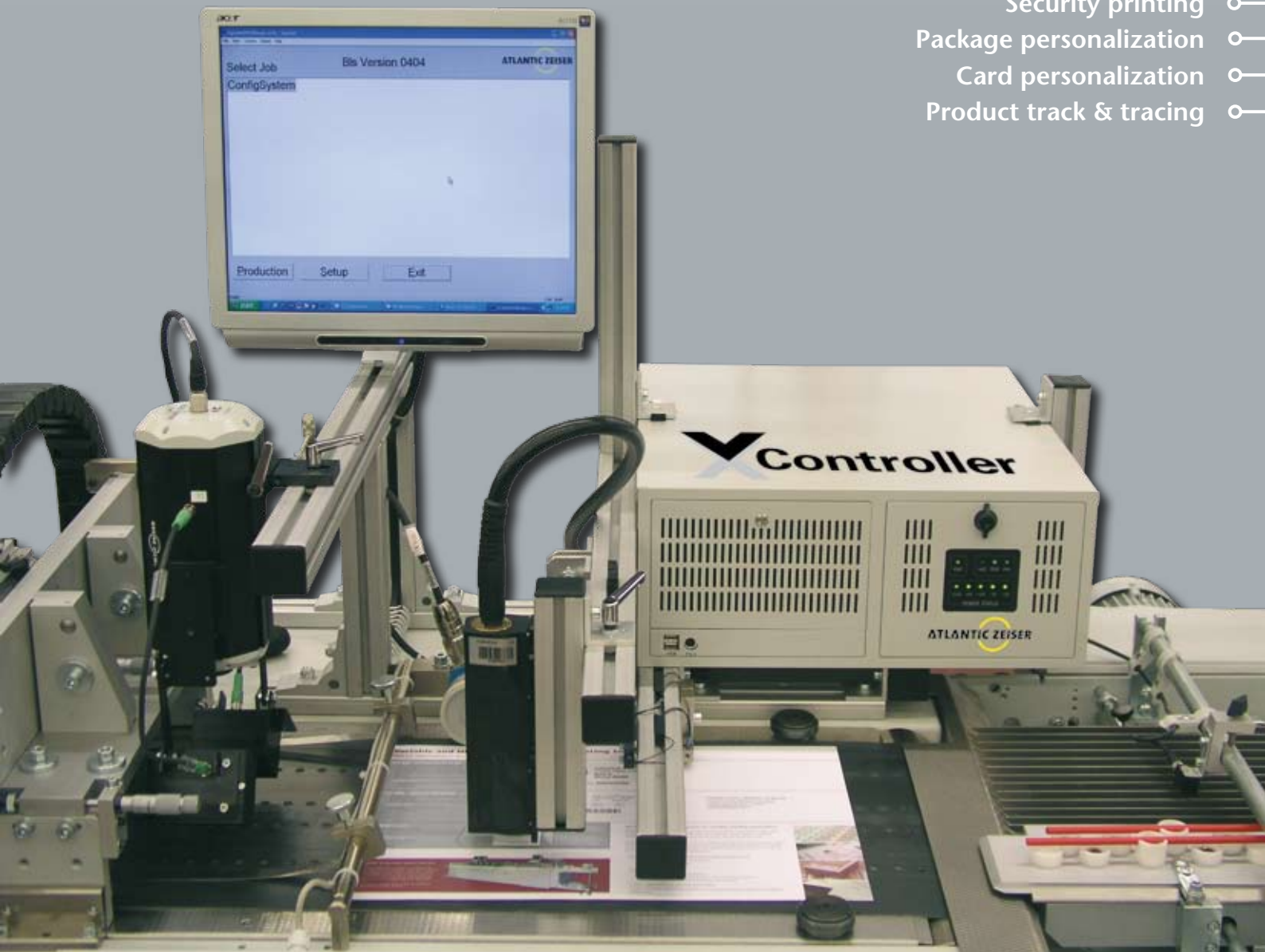
Economic Process Management



- CARD SYSTEMS ○
- DOCUMENT & PRODUCT IDENTITY ○
- IMPACT NUMBERING ○

Economic and cost-oriented
The controller solution for your personalization process

- Commercial printing ○
- Security printing ○
- Package personalization ○
- Card personalization ○
- Product track & tracing ○





Centralized Control over Personalization Processes

The automation of modern production and shipping systems is making even greater demands on the use of innovative identification and marking systems. The efficient interlinking of material and information flows and the ongoing rise in product volumes are leading to a distinctive increase in process information. In future it will become more and more difficult to coordinate this flood of data centrally in a failsafe system. For this reason, the trend is toward decentralized systems with distributed intelligence.

Multifunctional

The powerful and flexible Vx Controller has 4 device ports to connect inkjet systems and/or cameras. These are ideal preconditions for all marking, inspection and quality-assurance processes.

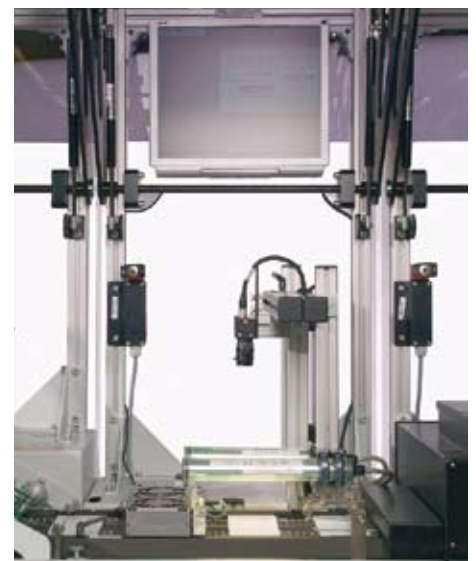
They are designed for a wide variety of applications, e.g.

high-quality consumer goods, pharmaceutical products, mailings, documents in security print runs, and much more.

Typical applications include marking, identification, controlling, logging, data output for web-to-web, sheet, and single-product applications.

Convincing in price and performance

Whereas the system architectures of conventional controller systems are already at their limits or fail to meet cost targets, the Vx Controller is a convincing solution due to its simple handling, high efficiency, and enormous performance scope. A complete packet that simply makes sense.



Distinctive and reliable - the equipment concept

Based on VxWin and a production software developed by Atlantic Zeiser, the data and product flow is monitored and controlled locally - from data generation and process monitoring through to logging. This achieves maximum process reliability and stable network interworking in real-time.


Compact and functional

The extensive range of standard equipment on the Vx Controller comprises the following:

- industry-standard computer including operating system
- 17" monitor (TFT)
- industry keyboard
- installation kit (rotary encoder, sensor, incl. mounting kit)

Application-based

The controller is modular-configured, depending on the application and requirements profile. Alternatively, there is a choice of six function modules. Machine-dependent signals (start, stop, separator control) are implemented by an 8-way I/O connector box.



Vx Controller

1. PRINT
2. VERIFY
3. PRINT & VERIFY
4. READ & PRINT
5. SERVICE

Standard Equipment

- industry-standard computer including operating system
- 17" monitor (TFT)
- industry keyboard
- installation kit (rotary encoder, sensor, incl. mounting kit)

	Function	AZ Technologies
1. PRINT	Comprises a software and hardware packet to print variable data and bar codes with single inkjet, continuous inkjet, drop-on-demand, and additional process control functions.	BETA ALPHA 200 KAPPA 65 AZ 9020/9030/9040
2. VERIFY	Include high-performance optical character recognition software (OCR, 1-dimensional bar codes, Datamatrix ECC 200) based on the UNIQUE VISION® camera system, and additional process control functions.	UNIQUE VISION® Camera Verification System
3. PRINT & VERIFY	Comprises a software and hardware packet to print variable data and bar codes with single inkjet, continuous inkjet, or drop-on-demand, followed by print monitoring and assessment by our UNIQUE VISION® camera system, and additional process control functions.	BETA ALPHA 200 KAPPA 65 AZ 9020/9030/9040 UNIQUE VISION®
4. READ & PRINT	Comprises a software and hardware packet to read reference codes (OCR or bar code) by the UNIQUE VISION® camera system, followed by printout of assigned data on single inkjet, continuous inkjet, drop-on-demand. Additional process control functions.	BETA ALPHA 200 KAPPA 65 AZ 9020/9030/9040 UNIQUE VISION®
5. SERVICE	The service module is based on the NETVIEWER program. It is an ideal tool for remote-control access to PCs and ensures fast and competent support.	Remote Interface via Ethernet (Netviewer)
CUSTOMIZED	On request.	

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The Decisive Difference

One system and one supplier

- Controller and peripheral items all from the same supplier, providing optimum compatibility
- Only one partner required for system servicing
- Fully tested (complete system)
- Pricing benefits due to „package prices“
- Uniform user interface and manuals
- Designed for industrial applications (IP51)
- Real-time operating system (VxWin)

Flexible and modular

- Easily expandable due to modular concept
- Open architecture
- Various technologies available
- Custom applications on request

Integrated and secure

- Central machine and system monitoring
- Centralized process, data handling and access control



Technical Specifications – Vx Controller Basic Version

Dimensions	482 x 177 x 490 mm
Weight	14 kg
Operating system	VxWin
Language	Multilingual User Interface Available languages: English, German, French, Italian, Spanish
Power Supply	110-240 VAC L-N-PE, 10 A, 300 W, 50/60 Hz
Ambient Temperature	Production: +10 to +40 °C Transport and storage: -10 °C to +60 °C
Computer Performance	2.4 GHz, 1 GB RAM, 40 GB HDD
Communication Ports	LAN, ISA, PCI, VGA, RS232, LPT, PS2, USB, CD-RW
I/O	8-way connector box
Monitor	17" TFT
Industry Keyboard	English (optional: German)
Number of Equipment Ports	4 (for cameras, inkjet, or scanner)
Equipment Port Assignment	Variable max. 4 single inkjets 9020/9030/9040 max. 2 UNIQUE VISION® cameras max. 2 DoD KAPPA 65 max. 2 ALPHA 200 - single head max. 1 ALPHA 200 - double head
Performance	Depending on application