



G+D  
Currency Technology

# BPS<sup>®</sup> C4

Increasing Productivity –  
Optimizing Workflows



# Modular system concept – countless possibilities

**The BPS C4 system for the processing of mid-range banknote volumes offers multiple configurations. Its many features for enhancing efficiency enable process optimization and high productivity.**

Commercial cash centers in particular are facing big challenges with increasing security requirements and constant cost pressure: Operators therefore need to constantly improve process efficiency. In addition, larger quantities of cash are expected in many markets in future, meaning it's more than just efficiency which is required; high flexibility for pending developments is also essential now.



The BPS C4 is the ideal solution for commercial cash centers and casinos, particularly with respect to efficiently processing mid-sized banknote volumes. After all, a throughput of up to 43,000 banknotes per hour enables significant productivity enhancement in banknote processing. All that's required is one individual to operate the BPS C4.

#### **QUALITY THAT PAYS**

The system ensures an extraordinarily high level of quality. Robust technology, long service life, and low maintenance costs make this a profitable long-term investment – even when used in particularly demanding situations.



# 20

#### **OUTPUT COMPARTMENTS**

With up to 20 output compartments, the BPS C4 can be customized to suit a huge range of requirements.





Top: The touchscreen monitor and graphical user interface make the BPS C4 easy and intuitive to operate.

Left: Ergonomic design – efficient and fatigue-free operation thanks to the compact arrangement of the user interface, the singler, reject and sorting compartments.

## Enhanced efficiency for customers worldwide

**Commercial cash centers, casinos and central banks: the BPS C4 proves itself in daily use all over the world, anywhere that requires efficient processing, high flexibility, and the greatest possible security.**

### MODULAR AND FLEXIBLE

This modular and scalable system can be configured with up to 20 output compartments. There are two different stacker modules available: The Standard Delivery Module (SDM), with 100 banknotes per compartment, and the Large Delivery Module (LDM), with up to 500 banknotes per compartment. A total of 100 different operation modes are possible.

### PRODUCTIVE AND POWERFUL

The BPS C4 efficiently processes up to 43,000 banknotes per hour, and supports the traditional 2-step process as well as single-step processes. Most deposits can be processed in a single pass, due to the system's large number of output compartments.

### SECURE AND RELIABLE

The proven BPS C4 sensor technology reliably fulfills all basic requirements such as counting, value identification, and authentication. Additional functions can also be integrated depending on the requirement – such as the detection of soiling and stains for fitness sorting, or the extra-secure authentication of US banknotes.

### EFFICIENT AND PROFITABLE

The system's high quality and robust technology ensure a long service life and therefore a very high degree of profitability – even in challenging operating conditions.

# The most important features at a glance:

1

Throughput: up to 43,000 banknotes/hour

5

Proven sensor technology for a huge range of requirements

2

Flexible configuration: up to 20 output compartments

6

High quality and robust technology for long system life

3

Two different delivery modules:  
► Standard Delivery Module (SDM);  
capacity: 4 x 100 banknotes  
► Large Delivery Module (LDM);  
capacity: 3 x 500 banknotes

7

Ergonomic design for easy, fatigue-free operation

4

Smooth adaptation to all processing requirements: up to 100 possible operation modes



# Meeting your needs is our mission

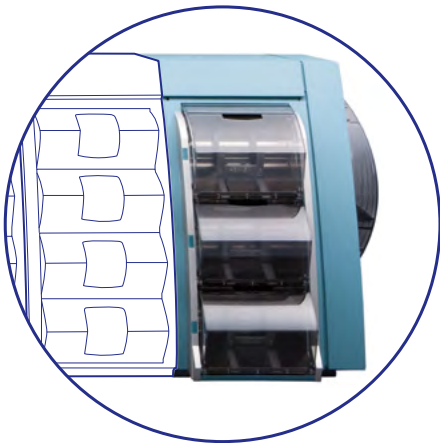
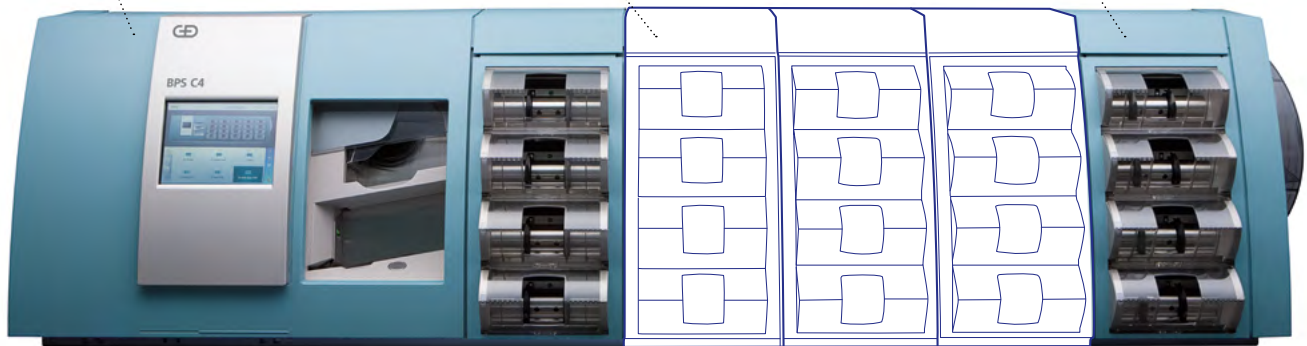
No matter what processing tasks our customers need to perform, the BPS C4 is a highly flexible and individual system, adaptable to a huge range of requirements.

From the basic model with 4 output compartments...

## Modular and scalable

There are many possible SDM and LDM module expansion levels and combinations, from the basic model with four stackers to the largest possible version. Smaller versions of the machine can be expanded at a later stage.

...to the maximum expansion level with 20



## LDM

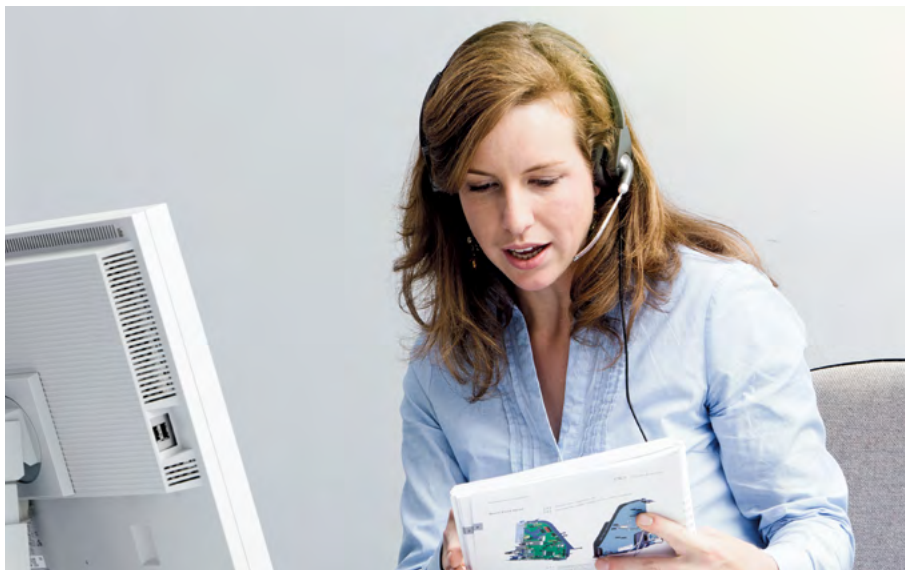
BPS C4 SDM modules have 4 output compartments, each for 100 banknotes. Alternatively, the system can be configured with LDM modules (3 output compartments, each for up to 500 banknotes), making many different custom variants possible.

## Sensor expansions

Specific sensors for the BPS C4 can be added to meet requirements, for example the NotaScan® Ink for reliable authentication of special inks. For casinos, the BPS C4 can also be equipped with a sensor reading casino tickets.

## Video Surveillance Interface (VSI)

The BPS C4 can be integrated into video surveillance systems to inseparably link the BPS C4's accounting data with video surveillance streams. Video sequences can then be retrieved quickly, and selected by individual deposit.



## The basis of productivity is availability

**With our needs-oriented consulting team and fully comprehensive service portfolio, Giesecke+Devrient customers benefit from full productivity and smooth operation of systems – for the entire life of the products.**

### **G+D CONSULTING SERVICES: FOR SOLUTIONS THAT ARE THE PERFECT FIT**

Our experts analyze the individual needs, existing processes, special requirements, system environment and more. Based on this analysis, we will recommend the right solution for your operation, and it will be integrated smoothly into your production processes.

### **G+D SERVICE: ALWAYS AT YOUR SIDE, WHENEVER AND WHEREVER YOU NEED IT**

Our dense, global service network ensures that customers can rely on our support at all times. Your systems are kept up-to-date with frequent updates and upgrades which can further boost productivity after installation.

### **G+D REMOTE SERVICE: THE FASTEST SOLUTIONS VIA REMOTE ACCESS**

Use G+D remote services to optimize up-time of your systems. A large proportion of system failures can be immediately responded to and resolved using G+D remote access. Our service specialists identify the issue and put it right in an instant.

### **BPS ECO-SYSTEM: FUTUREPROOF USE OF DIGITAL POTENTIAL**

BPS Eco-System is an innovative portfolio of highly secure networked software products and web services that boost the efficiency of cash management and banknote processing.



**BPS Eco-Protect** is an industry firewall which efficiently protects a BPS in a customer's environment against most malware attacks, and enables secure communication to and from the BPS.



**BPS Eco-Remote** provides a highly secure remote management solution for BPS. It allows remote monitoring, performance management, diagnostics and even software updates to be provided through G+D, or using in-house or third-party personnel, without local presence of a service engineer.



**Compass VMS** (Vault Management System) is a comprehensive, process-oriented cash center management solution, enabling all of your cash management processes to be automated, optimized, and reliably monitored.

**The BPS C4 can be readily integrated into existing IT structures. Cash management solutions such as Compass VMS ensure greater transparency, security and productivity throughout the process.**



# Securing Values: Giesecke+Devrient Currency Technology

G+D has played a significant role in advancing the development of banknotes since 1852 – and always with the aim of offering our customers a crucial advantage.

We are now an end-to-end provider for the whole cash cycle, and have unique and thorough expertise in each application area: from counterfeit-proof banknote design and highly efficient banknote processing, to reliable banknote destruction. This extensive knowledge is incorporated into everything we do for our customers.

**Let's shape the future of the cash cycle together!**

## Ready for new productivity?

Our experts are looking forward to showing you how individually your workflows can be optimized and your productivity enhanced significantly.

**Let's talk!**



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## TECH FACTS

### Throughput

up to 43,000 BN/h

### Singler Capacity

(depending on BN quality)

up to 800 BN

### BN formats (Length x Width)

100–180 x 60–90 mm

### Dimensions (H x W x D)

BPS C4-4	610 x 1,260 x 515 mm
BPS C4-8	610 x 1,545 x 515 mm
BPS C4-12	610 x 1,830 x 515 mm
BPS C4-16	610 x 2,120 x 515 mm
BPS C4-20	610 x 2,405 x 515 mm

Height with open base module cover:  
1,200 mm (approx.)

### Weight

BPS C4-4 to -20 100–220 kg (depending on configuration)

### Power supply options

230 V, 50/60 Hz and 120 V, 50/60 Hz

### Power consumption

0.5–1 kVA

### Power consumption of the required LVM pneumatic module

(Can be located outside processing room)

240 VA

### Noise level

67–75 dB(A)

### Temperature range

15–35°C

### Relative humidity

30–80%

### External connections

1 x LAN, 4 x USB 2.0

### Certificates

CE, GS, CCC, GOST

### BN output

Up to 20 compartments

(each with 100 or 500 BN)

### Reject compartment capacity

Up to 200 BN