



# Compass Banknote Intelligence

Leverage Banknote and Cash Cycle Data

Compass Banknote Intelligence (CBI) seamlessly integrates banknotes and cash processing into the digital landscape, with insights enriching client understanding of the cash cycle, banknote quality, and performance.



#### Digitally analyze banknote data

Compass Banknote Intelligence consolidates BPS banknote serial number data, issue data, and production data into a central repository for comprehensive analyses, connecting banknotes with the digital world and creating digital twins for each processed banknote.

The powerful analytics platform extracts up to 500 data points from each banknote and facilitates a variety of use cases.



#### Enhance Banknote Quality Control

Compass Banknote Intelligence efficiently monitors the production and quality of banknotes in circulation across various fitness parameters generating a more detailed perspective to assess the level of banknote fitness.



#### Perform Banknote Lifetime Analysis for better future series

The solution monitors banknote lifetime and return frequencies for actionable insights to enhance current and future series based on real-time data.



#### Better Understand the Cash Cycle

Transform your understanding of the cash cycle with our cutting-edge data platform. Gain crucial insights into the patterns of cash usage, active transactions, and personal cash storing, influencing liquidity and economic dynamics in the market.

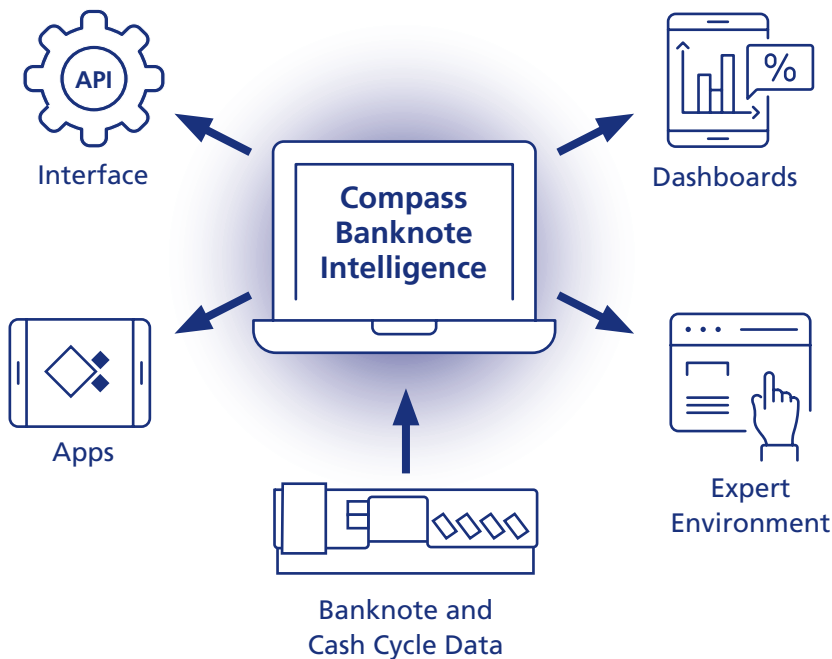


#### Gain deeper insights into banknotes with Serial Number Read and Trace

Leveraging banknote serial number reading, clients gain comprehensive control over the monitoring and tracing of banknotes.

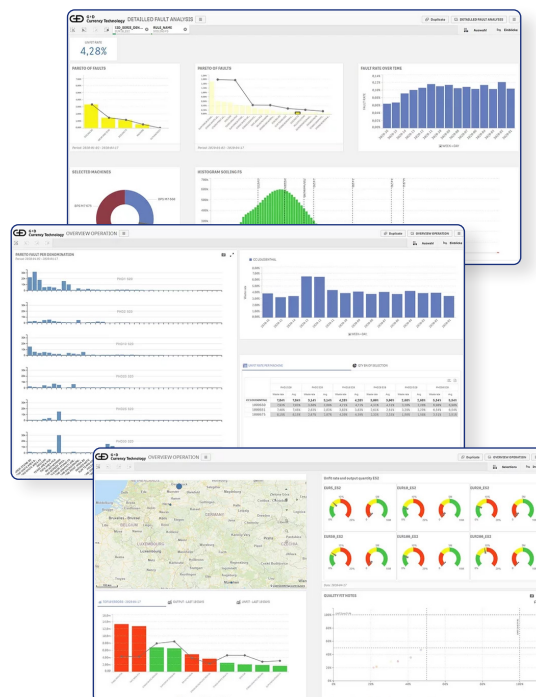
## Compass Banknote Intelligence at a Glance

Monitor banknote quality from production to circulation with rich data insights that empower better business outcomes. Built on state-of-the-art technology, this solution provides a flexible, powerful, and secure data analytics platform for banknote serial numbers and cash cycle data.



## How does it work?

- » Scalable – Initiate updates and upgrades easily and at your discretion.
- » Dashboards – Interactive visualization engine providing diverse insights for better decision-making
- » Secure Cloud – Stringent security standards ensure the safety of your data through a private cloud
- » Expert environment – Offers unlimited data analysis with the latest Databricks technology
- » Standard API – Connect all relevant data sources with the seamless integration of applications and hardware



Elevate your cash management with G+D's analytics platform that translates banknote and cash cycle data into informed insights



Find more information on our website:  
[www.gj-de.com](http://www.gj-de.com)

### Giesecke+Devrient GmbH

Prinzregentenstrasse 161, P.O. Box 80 07 29,  
81607 Munich, Germany  
Phone: +49 (0) 89 41190, Web: [www.gj-de.com](http://www.gj-de.com)

© Giesecke+Devrient, 2023  
All technical data subject to change