



Giesecke+Devrient

CASE STUDY

Davis Bancorp

Automating to Improve
Currency Handling Efficiency





NEW INNOVATIVE BANDING SOLUTION

Efficiency + Accuracy

CITs rely on efficient currency processing solutions to handle the millions of banknotes they process every year. Here's why Davis Bancorp partnered with Giesecke+Devrient to install a BPS C5 and ran a successful trial of the new Bander Delivery Module.

With over 70 years of success as a Cash-In-Transit (CIT) and Protective Services company, Davis Bancorp has earned the lasting trust of banks, government institutions, and the American commercial sector. Based in the Chicagoland area, they service the broader metropolitan tri-state area, including Illinois, Wisconsin, and Indiana.

According to President J.R. Davis, the company's success is built on a commitment to the market. "We have a responsibility to our clients that informs the conduct of our management team. We focus on the three pillars of operations: Talent, Tools and Technology, and we believe that investment in one shouldn't come at the expense of the

other. Additionally, we are privately held, with no foreign or external shareholders, so have the strong capacity to take a longer view." Catie Wloch, Vice President, adds, "Employee retention is another critical key element of our success, and we are very proud of our 95% retention rate. We have a team of enduring talent that drives our success.

63K
Banknotes
per hour



Without skilled colleagues, we couldn't use our equipment as efficiently or drive workflow improvements. We all take pride in our spotless facility and attention to detail as important factors in our success.

CASH OPERATIONS AND THE G+D ADVANTAGE

When it comes to cash processing operations, Davis Bancorp looks for providers that will become long-term partners and have high-quality products to support them. Giesecke+Devrient (G+D) is proud to be one of their partners since 2020.

"We look for forward-thinking and effective partners where we can establish a strong baseline of trust. One of the things we appreciate most about G+D is their focus on continual improvement. Like us, G+D wants to do things better, not just faster but also safer and with improved processes," says Davis. "We are all about a "belt and suspenders" approach to our operational design, ensuring that we have built-in and resilient backup plans, which drives our vendor selection process."

"Like us, G+D wants to do things better, not just faster but also safer and with improved processes,"

**J.R. DAVIS
PRESIDENT, DAVIS BANCORP**

FINDING THE RIGHT EQUIPMENT FOR THE JOB

The tabletop BPS C5 from G+D was the perfect fit for a CIT like Davis Bancorp. This solution is highly configurable from 5 to 25 output stackers and processes up to 63,000 banknotes per hour. The sensor system in the BPS C5 verifies and sorts banknotes precisely and reliably and excels in detecting suspect banknotes. Wloch states, "The BPS C5 is a great size for our various workloads. It accommodates many types of customers."



The BPS C5 is a flexible tabletop solution. The new Bander Delivery Module enhances productivity by automatically banding and labelling the most common denominations.

Since implementing the BPS C5 in 2020, operational benefits have included:

- Doubled fitness sorting improvement
- 4X deposit accuracy average increase
- 82% decrease in manual adjustment rate

When asked why they chose G+D for their latest currency processor over the competition, Davis explains, "We appreciated the honesty from the G+D team on what was and wasn't available. Other vendors promised things that just simply weren't ready or operationally effective. G+D offered their expertise on how best to deploy and use the equipment. It wasn't a procurement-driven sale but rather a partnership approach."

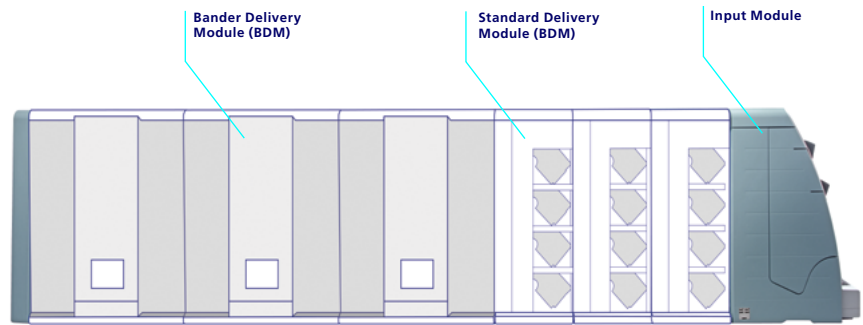
TRIAL OF BPS C5 WITH BANDER DELIVERY MODULE DRIVES NEW EFFICIENCY

A recent field trial in Davis Bancorp's currency processing operation included the new Bander Delivery Module (BDM) for the BPS C5 from G+D. Automated banding improves throughput and efficiency. The most common denominations are banded automatically, and 5% others may be manually banded. Packages of 100 banknotes are ejected into a bin and roll printing provides important processing information. The BDM can be retrofitted to existing BPS C5s.

Davis explains why they agreed to participate in the field trial, "We are always looking for ways to improve efficiency, not from a reduction in personnel perspective, but with a view of bolstering the resiliency of our processes. We need to be ready to grow and scale up to meet future market demand, and that means a deliberate and selective acquisition of equipment and infrastructure to support that mission."

Adding the Bander Delivery Module to the BPS C5 resulted in these improvements:

- Doubled teller productivity rate
- Enhanced strap-level fraud detection
- Three-fold currency processing output acceleration
- Broadened end-to-end data integration opportunities



"I would rate the G+D installation team as 10/10. They were incredibly well-organized."

J.R. DAVIS

INSTALLATION AND SERVICE EXCELLENCE

High-quality equipment is only one part of the equation for a high-volume currency operation. Installation and service excellence are equally important areas where G+D takes great pride. Says Davis, "I would rate the G+D installation team as 10/10. They were incredibly well-organized, and the communications were solid. The installers were very knowledgeable and showed a keen interest in our operation and how the bander might fit. They were also very friendly and personable, which our team appreciated."

LOOKING TO THE FUTURE

J.R. Davis looks forward to a buoyant and bright future and believes cash will remain an essential part of the payment system. "Despite some of the headlines, we see cash transport and processing as worthy of continued investment. We look forward to new opportunities beyond just the sealed delivery model and welcome a shared commitment to best practices across the industry," says Davis.



BPS C5 at Davis Bancorp





DAVIS BANCORP, CHICAGO

SECURITY IS IN THE DETAILS

Founded in 1951, Davis Bancorp is a privately held American, protective services and cash-in-transit company. For over seventy years their attention to detail and professionalism has garnered the company the

lasting trust of banks, retailers, and other organizations. Davis Bancorp looks for providers that will become long-term partners and have high-quality products to support them. Giesecke+Devrient (G+D) is proud to be one of their partners.

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2023