kern*Card*

Kern Card Vault
Automated Vault Picking

Kern Service

Trust is the foundation of good cooperation

The decision to purchase a Kern product is a choice for a continuous, trusting relationship. Reliable service is one of the key pillars of our company. For optimum system availability and productivity, the Kern Group offers a comprehensive and reliable service portfolio.

- Personal consultancy on-site
- Requirement analysis, and solution proposal according to customer needs
- Installation of the Kern systems
- System integration
- On-site training of your employees
- Reliable support and maintenance during operation
- Customer-oriented service and maintenance models after purchase.

Kern Worldwide

Advanced systems for card processing and fulfillment

We are a global manufacturer and supplier of products, solutions, and services in the fields of card processing systems and high-performance inserting systems. Tailored software and platforms complement the hardware, creating a complete, integrated system landscape.

For more than seven decades, our technology has been defined by innovation, quality, flexibility, and reliability,factors that deliver one thing above all: the highest level of security and service.

Our success is built on flexible production planning, advanced process control, and a long-standing, highly qualified team of experts in development and engineering.

Operating in around 50 countries worldwide and employing approximately 800 people, our service network includes 450 skilled technicians available 365 days a year, ensuring consistent performance, minimal downtime, and maximum customer confidence.

Business Units

kern*Card*

kern*Mail*

kern*Service*

kern*Pack*

Kern USA & Canada

3940 Gantz Rd. Suite A
Grove City, OH 43123
Phone 1.614.317.2600

info.usa@kernworld.com
www.kerninc.com

Your technology partner **kern**

Kern Card Vault - Smart. Secure. Scalable.

What Is the Kern Card Vault?

The Kern Card Vault is an intelligent, robotic card-handling solution that automates the creation of "rainbow" card decks - precisely sequenced sets of cards - based on dynamic job input.

Designed to optimize your workforce and eliminate manual card picking, the Card Vault boosts productivity, reduces errors, and ensures consistent output with full traceability.

Whether you're managing 500 cards or 5 million, the Card Vault is the scalable solution that adapts to your operation.

Powered by the Latest in Robotics

At its core, the Card Vault uses synchronized robotic arms that retrieve cards from dedicated sleeves and place them in a perfectly ordered stack.

Automation Benefits:

No more manual vault picking
Unmatched speed and precision
Built-in job validation and inventory tracking

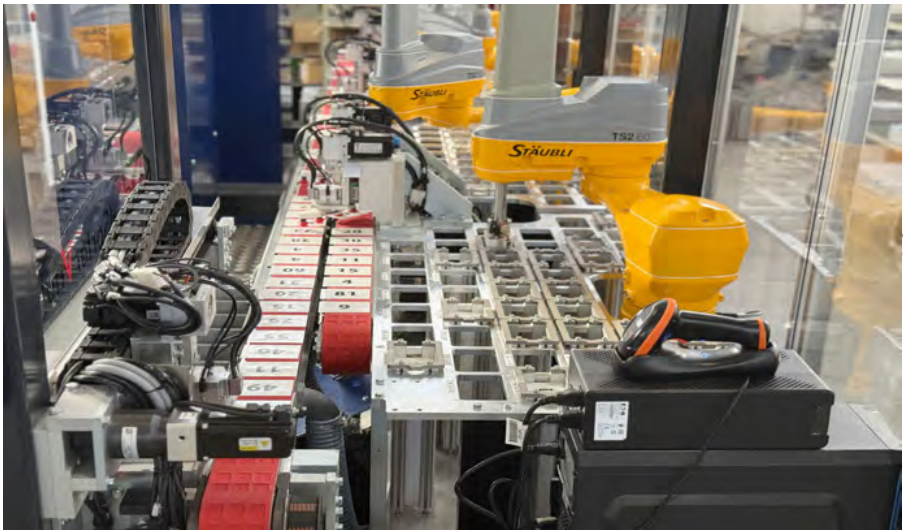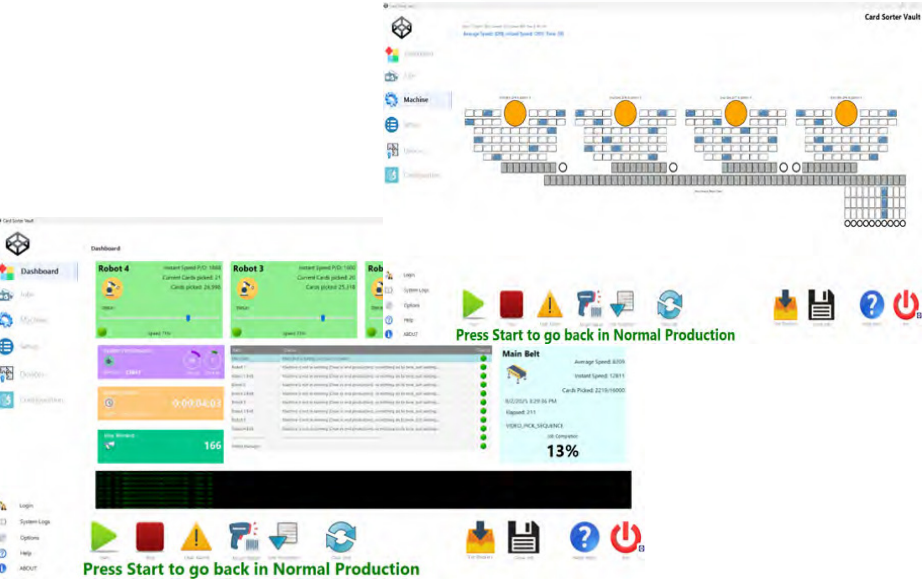## Guided Loading and Replenishment

Loading is made simple:

Insert cards into designated sleeves Scan Sleeve Data Matrix Scan Card Barcode or Chip System confirms match before enabling job

You can also pre-assign SKUs to sleeves with an input file.

Smart Operator Interface

A touchscreen dashboard provides full visibility into vault operations:

Sleeve status indicators (Enough card to complete job, not enough cards to complete job, Empty) Estimated card inventory per sleeve Job completion percentage Missing card alerts

Intelligent Card Identfication

The Card Vault combines advanced robotics with intelligent recognition technology to ensure only the correct cards are selected and placed.

Reads & identifies:

- Contact & contactless chips
- Barcodes & Data Matrix codes
- OCR text
- Graphic recognition

Every card is validated, guaranteeing accuracy and card integrity.

Scalable for Any Card Processor

Whether you're a secure card bureau, loyalty program provider, or high volume fulfillment center, the Card Vault fits your operation.

Key Advantages:

- Modular design supports various production sizes
- Integrates easily into existing workflows
- Reduces labor requirements
- Improves job turnaround times

Flexible Job Input: File or Database

The Card Vault supports a variety of workflows by accepting job data through:

- CSV or structured file uploads
- Direct connection to a database system

Why Choose the Kern Card Vault?

Feature	Benefit
Advanced Robotics	Automates and accelerates card picking
Smart Recognition Technology	Ensures correct card selection every time
File & Database Input Support	Seamless interactions into your environment
Real-Time Monitoring	Full control and job visibility
Scalable Architecture	Fits businesses of all sizes
Workforce Optimization	Reduces manual labor and human error