



Datakey[®]
ELECTRONICS



ACCESS CONTROL & CIK

FIRMWARE & RECIPE UPLOADS

CASHLESS VENDING



**WE MAKE DATA RUGGED,
PORTABLE AND SECURE...**

... THEN WE SUPPORT IT FOR THE LONG TERM.



FULLY-ENGINEERED SOLUTIONS FOR OEM DATA TRANSPORT APPLICATIONS

Datakey Electronics, Inc. designs and manufactures proprietary memory Keys and custom-shaped Tokens containing re-programmable non-volatile memory for Original Equipment Manufacturers (OEMs). Manufactured in our own **fully vertically-integrated** facility, Datakey Electronics' products provide a convenient, rugged way to carry electronic data and to control access for a wide variety of applications.

Our products are used **world-wide** in hundreds of military, medical, industrial and commercial applications, cost-effectively providing a reliable way of storing and transporting electronic information where conventional methods would not survive.

As you design new products or applications, keep in mind Datakey Electronics' **30 years** of proven reliability, full range of security options and long-term product life availability. Virtually every customer we have is an OEM—we understand our customers rely on Datakey Electronics to provide availability of product and technical support over their product's entire lifetime. We have many customers who have been using our products (unchanged) for more than a decade!

Our **complete catalog** of fully-engineered standard memory Keys, Tokens and support peripherals can help you solve your design challenges and reduce time-to-market. Our expertise in rugged, over-molded electronics and mating systems makes us the ideal partner for your custom projects.

UNLIMITED OEM APPLICATIONS...

- Medical Equipment Calibration
- Process Control Equipment
- Health Management Access
- GPS/Agricultural Equipment
- Cashless Vending
- Secure Communications
- Gaming Machine Control
- Regulatory Compliance
- Customer Loyalty Programs
- Military Systems Access
- Point-of-Sale Programs
- Cash Collections Auditing
- Car Wash Systems
- Fuel Dispensing
- Video Editing
- Facility Access
- Network Security
- Inventory Control
- Traffic Controls
- Parking Meters
- Postage Metering
- Fleet Management
- Commercial Ovens
- Device Usage Limiting
- Exercise Machines
- Remote Weather Stations

...WHAT DO YOU NEED TO DO?



MEDICAL



MILITARY



VENDING



ACCESS CONTROL



DATA TRANSPORT

PRODUCTS & SOLUTIONS

KEYS & TOKENS (MEMORY SIZES 1KBIT TO 1GBIT)

Unlike cards or other devices that are easily lost or damaged, Datakey Electronics' Keys and Tokens are designed to fit on your key ring. They have a tough, wear-resistant body that protects the embedded memory chip from harsh environmental influences—they can be sterilized, dropped in the mud, washed, exposed to electromagnetic fields or chemicals, *run over with a truck*—and they will still work. Keys and Tokens are available in a wide range of **re-programmable memory technologies, capacities** and **voltage** options.

KEYCEPTACLES® & RECEPTACLES

These panel- or board-mount devices interface Datakey Electronics' Keys and Tokens to OEM equipment. Designed for simple, **reliable** operation, the Keyceptacles and Receptacles provide resistance to environmental hazards and employ a self-cleaning action that removes dirt and residue from the contacts with every insertion and removal of the memory device. They provide excellent retention and are rated for 50,000 to 200,000 insertion cycles for Tokens and Keys respectively.

READER/WRITERS & DEVELOPMENT TOOLS

The Universal Reader/Writers provide an interface between your PC or host hardware and the Key or Token. Our rapid prototyping service, **ProtoKey™**, is designed to get a working Key with new technology into your hands in days rather than weeks. ProtoKey can be used for proof of concept and quick samples. The **Serial Development Kit** allows Visual C++ or Visual Basic programmers to easily access any of Datakey Electronics' serial memory Keys or Tokens. Operating on Windows 98, ME, NT, 2000 or XP platforms, Development Kits include a Reader/Writer, connecting cable, Keyceptacle/Receptacle samples, PC demo software, sample source code, Reference Guide and customer-specified Keys or Tokens.

OEM SYSTEMS

The **Keytroller™II**, **Slimtroller™II** and **Unitroller™II** are read/write interfaces for lower volume OEM applications. They allow Datakey Electronics' Serial Memory Keys and Tokens to easily interface to a PLC, PC or any embedded controller with an available RS-232 or USB port. The **GUARDIAN II™** is a stand-alone electronic lock controller (doesn't require a computer network) that easily installs at access points (gates, doors, panels, etc.). The GUARDIAN II can be adapted to OEM access control applications such as rental equipment, parking gates and telecommunication equipment cabinets. It enhances security, provides an audit trail and greatly simplifies access control administration.

CUSTOM SOLUTIONS

Datakey Electronics' applications are unlimited. We offer **custom** design services to adapt our products to your new or existing applications. We have 30 years of experience in successfully designing and manufacturing the most cost-effective solutions for various applications requiring enhanced security, data collection, parameter control, and set-ups. **Call 1-800-328-8828 today**—we can help make your job easier, and we can do it with a fast turnaround.



RUGGED PRODUCTS...

KEYS & TOKENS

MEMORY CHOICES:

- CRYPTOMEMORY®
- SECURE (SERIALIZED)
- SERIAL
- PARALLEL
- FLASH

KEYCEPTACLES® & RECEPTACLES

READER/WRITERS

PLC/PC INTERFACES

DEVELOPMENT KITS

GUARDIAN II™

PROTOKEY™

CUSTOM

...AND MORE.

UNLIMITED APPLICATIONS...

FACILITY ACCESS
PROCESS CONTROL
MACHINE CONTROL
COMPUTER ACCESS
CALIBRATION DATA
DATA STORAGE
ELECTRONIC PURSES
BIOMETRICS DATA
FUEL DISPENSING
LOYALTY PROGRAMS
SURVIVABLE ID TAGS
AUTHENTICATION
CRYPTO IGNITION KEYS
FIRMWARE UPDATES
PARAMETER UPLOADS

...WHAT DO YOU NEED TO DO?



Datakey®

ELECTRONICS

THE KEY TO MAKING YOUR JOB EASIER.™

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