

# THE KEY TO FLEET MANAGEMENT

## XATA Corporation

For over 25 years, XATA Corporation of Burnsville, MN has been the leading provider of enterprise-wide logistics management solutions for North America's largest private fleets and leasing companies. XATA's onboard information products deliver real-time location, current inventories, delivery status, fuel performance and driver logs for operational and financial efficiency and meet complex government reporting requirements.



## M<sup>eeting Reporting Requirements</sup>

Xata's products, OpCenter and Xatanet, seamlessly combine onboard computing, real-time communications, global positioning, and fleet management software to provide fleets the opportunity to drive out costs and drive up service. These products allow them to:

- ✓ Unify drivers, vehicles and management into a single team
- ✓ Instantly locate trucks and drivers
- ✓ Effortlessly automate fleet management and operations
- ✓ Have hands-free compliance with regulatory requirements
- ✓ Significantly lower operating costs
- ✓ Improve customer service

Ultimately, these products help the trucking lines comply with increasingly complex government reporting requirements while monitoring their operations for peak efficiency. XATA designed an electronic replacement for the truck driver's logbook to automatically record data such as driver rest and drive times, average speed, mileage, fuel consumption, engine warm-up and idle times, and more. XATA then needed an interface device that was:

- ✓ Easy for the truck driver to use
- ✓ Rugged enough to survive in a variety of environments
- ✓ Available and supported long-term to avoid re-designs and/or retrofits in the field
- ✓ Fully engineered to reduce R&D costs and time-to-market

## The Solution is Key

The XATA patented "Driver Key" Datakey Electronics PK256K Parallel Memory Key. The Key streamlines the process of communicating route and trip information. The familiar key shape makes it easy to use and the rugged durability means performance wouldn't be impaired by bumps, rough pavement, chemicals, etc. Drivers use the Key to pick up trip plans from a data station in the yard. Once inserted into the onboard computer, their trip plan is automatically downloaded. Information regarding real-time driver and vehicle performance data is also recorded on the Key throughout each trip. After delivery, trip information is uploaded back into the Fleet Management System for analysis. The data station connects to a PC through a standard serial connection, modem for remote sites, or a network connection.

This system is so easy for the driver who simply puts the Key in the onboard computer at the beginning of each trip and turns it in to the dispatcher at the end of the trip. Drivers no longer have to submit written trip reports, eliminating the need for subsequent data entry while providing management with more complete and accurate trip records.





## Fully-Engineered

The PK256K Key inserts into a high-cycle (200,000 insertions minimum) mating Keyceptacle® designed into the XATA unit. Datakey Electronics' KC16/64PCB Keyceptacle provides intuitive operation, positive Key retention and an ergonomic "click" into position to offer tactile confirmation when a Key is inserted and turned. There is also a LOFO contact that may be used to protect the host bus by ensuring the Key has made secure contact with the receptacle before any signals are transmitted.



## They Chose Datakey Electronics

XATA chose Datakey Electronics as their portable memory device partner because the Key is a perfect fit for a truck monitoring system. The familiar key shape makes it easy to use and the rugged durability means performance won't be impaired by bumps, rough pavement, chemicals, extended use, etc. Additionally, Datakey Electronics' 30 years of experience in memory devices and their fully-engineered solutions decreased XATA's R&D costs, time-to-market and technical risk.



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