Overview

Computer backups are an essential element of business today. Lost data means downtime and lost production. UNICO’s DataGuard™ Disaster Recovery Software is a powerful tool that ensures the survivability of information critical to operating a UNICO system. With DataGuard™, service personnel can quickly and easily get a line running again in the event of disastrous data loss or corruption due to a power surge, malfunction, or operator error. Two versions of DataGuard™ are available—one for drives and controllers and another for human-machine interfaces (HMIs). Together, they provide a total backup solution for any size control system.

Drives and Controllers

DataGuard™ for Drives and Controllers guards against the loss of setup data and application software with UNICO’s 1100 and 2000 series drives and with the 4000 series controller. The Windows-based program provides a complete set of tools for creating, restoring, and comparing archives. It also provides convenient access to important information such as system drawings, software documentation, and UNICO contacts. Both the recovery software and the initial data archive are supplied on a digital media.

Human-Machine Interfaces (HMIs)

DataGuard™ for HMIs protects against hard drive failures and other problems with Windows-based system interfaces. The program creates a complete image of the HMI computer’s hard drive that incorporates not only HMI application and data files, but the entire Windows environment, including port settings. Both the recovery software and archive are supplied on a single digital memory media.

Safeguards Data

The DataGuard™ programs preserve the exact configuration of a system, or portion of a system, at a given point in time. Initially, archives are captured on site by a UNICO technician. Depending upon system complexity, the process normally takes about an hour each for the drives/controller and HMI archives. Recovery digital media storage are then created at UNICO. One copy is provided for customer use, while a second is retained at UNICO for safekeeping. At any time, users may update their drive and controller backups by creating their own archives and storing them on digital media.

Streamlines Recovery

When a catastrophe occurs, there’s no time to learn new software. That’s why the DataGuard™ programs are simple to use. They minimize the impact of a disaster by keeping downtime to a minimum. DataGuard™ for Drives and Controllers uses a familiar web browser interface. Users can quickly backup or restore data with point-and-click ease. On-line instructions give step-by-step assistance. Depending upon the system, drives and controllers can be restored in minutes—longer if the application software must be reloaded. DataGuard™ for HMIs is equally easy to use. Boot the HMI from the floppy recovery disk, launch the recovery program, and select the appropriate function from the menu. DataGuard™ handles the rest, automatically restoring the HMI to its exact former configuration in about an hour. Compare this with the many hours or even days involved in the complex and troublesome task of rebuilding an HMI from scratch.
Features & Benefits

General
- Reduces downtime in event of data loss or software corruption
- Quickly restores system to running order
- Customized to a specific application or system

Ease of Installation
- Digital media includes all necessary application software and setup data to recover the drives/controller or HMI
- Easy-to-follow installation instructions

Ease of Use
- Familiar point-and-click web browser interface
- Instant access to system drawings and software documentation
- Complete on-line help

Specifications

DataGuard™ for Drives and Controllers

Included
- Digital media containing:
  Recovery software
  Latest drive/controller archive data
  System drawings
  System software documentation
  UNICO Net Web Browser
- Cable (please specify system) Required
- Personal computer with media reader
- Windows operating system

DataGuard™ for HMIs

Included
- Digital media for booting the system
- Digital media containing:
  Recovery software
  Latest HMI archive data