Several new features are now available for Micro-AT Source-Transfer Controls: an optional communication card feature, as well as three new field selectable standard features that will be furnished with all Micro-ATs.
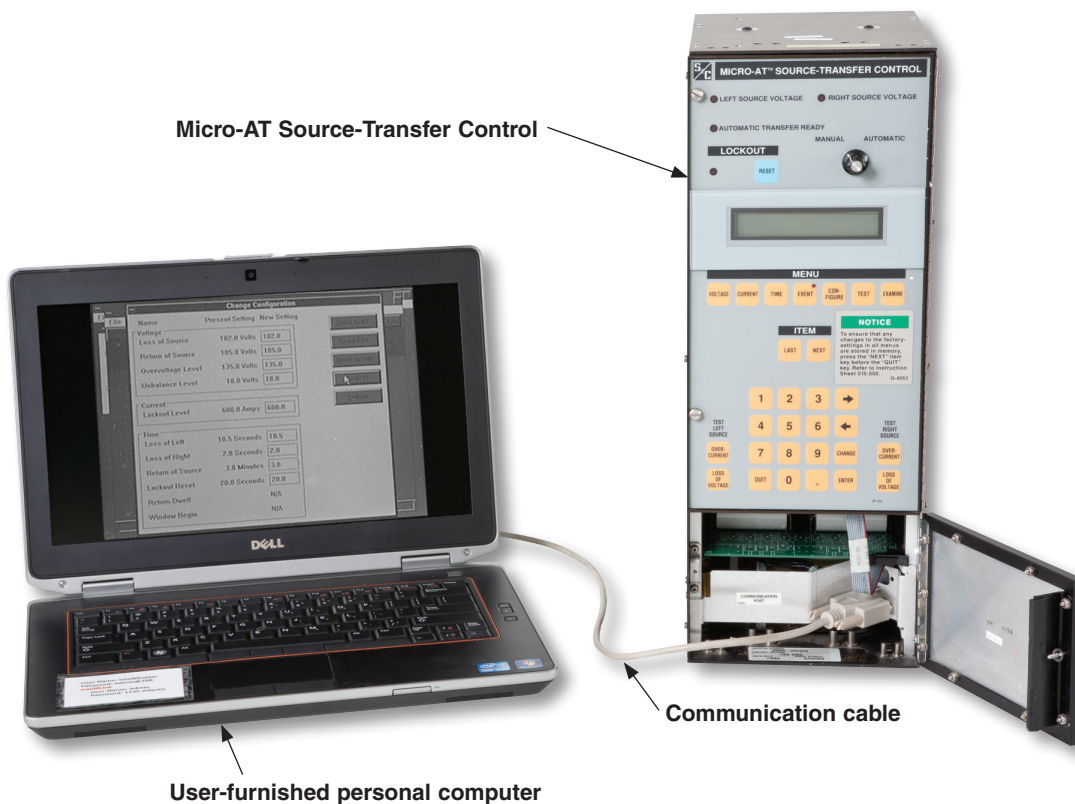
Optional Communication Card Feature

The communication card option for the Micro-AT Source-Transfer Control is utilized in conjunction with a user-furnished personal computer▲ to provide the convenience of:

- Local uploading of events recorded in the Micro-AT's "EVENT" menu;

- Local uploading of the Micro-AT's settings—i.e., the operating characteristics programmed in the "CONFIGURE" menu and the voltage-, current-, and time-related operating parameters programmed in the "VOLTAGE," "CURRENT," and "TIME" menus, respectively;

- Local uploading of digital input states and digital output states in the Micro-AT's "EXAMINE" menu;

- Local uploading of Micro-AT display messages explaining why the automatic-transfer "ready" indicating lamp isn't lighted; and

- Local downloading of the user's standard operating parameters to the Micro-AT control.

A Micro-AT communication cable, ordered separately, is required for connecting the communication card to the personal computer; this cable is available in a version for PCs having a 25-pin serial communication port, as well as a version for PCs having a 9-pin communication port.

▲ Requires a Windows® 95, 98, 2000, NT, XP, or Windows 7 32-Bit operating system. A Windows 7 64-Bit Operating System must be run in XP Mode (only available for Professional and Ultimate Operating Systems). A USB-to-Serial adapter must be used if the computer does not have a Serial port.

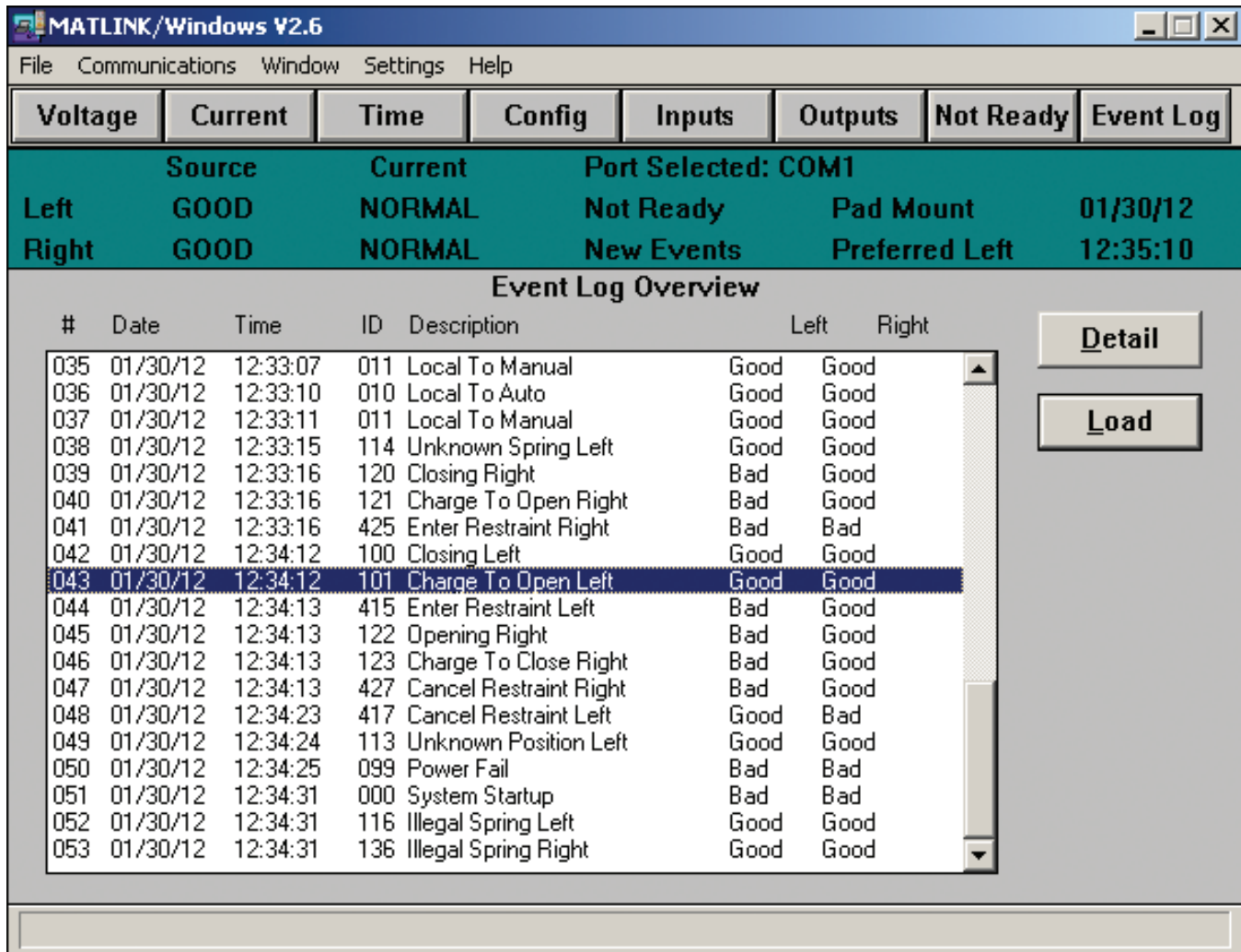Communication card option for Micro-AT Source-Transfer Controls.

Additional Field Selectable Standard Features

These new features include the following:

- **"Window" Return-of-Source Transfer.** When selected, this feature permits automatic return-of-source transfer to occur only if the time of day is within a user-specified time "window." Such an arrangement can enhance power quality for the utility's customer, since transfer can be set to occur at a particular time when the implications are least severe for critical loads.

- **Magnetizing-Inrush Current Restraint for Overcurrent-Lockout Feature.** Upon loss of source voltage or—if the unbalance detection feature is programmed—the occurrence of voltage unbalance for 5 cycles, overcurrent detection is suppressed for 1 second . . . thus preventing pickup of the lockout feature due to transformer magnetizing-inrush current.

- **Custom Access Code.** When this feature is selected, the Micro-AT control will accept either the standard access code or a custom access code chosen by the user. This feature is useful in instances where the user has other, similar equipment requiring an access code to program.

MATLINK/Windows V2.6

File   Communications   Window   Settings   Help

| Voltage | Current | Time | Config | Inputs | Outputs | Not Ready | Event Log |

	Source	Current	Port Selected: COM1		
Left	GOOD	NORMAL	Not Ready	Pad Mount	01/30/12
Right	GOOD	NORMAL	New Events	Preferred Left	12:35:10

Event Log Overview

#	Date	Time	ID	Description	Left	Right
035	01/30/12	12:33:07	011	Local To Manual	Good	Good
036	01/30/12	12:33:10	010	Local To Auto	Good	Good
037	01/30/12	12:33:11	011	Local To Manual	Good	Good
038	01/30/12	12:33:15	114	Unknown Spring Left	Good	Good
039	01/30/12	12:33:16	120	Closing Right	Bad	Good
040	01/30/12	12:33:16	121	Charge To Open Right	Bad	Good
041	01/30/12	12:33:16	425	Enter Restraint Right	Bad	Bad
042	01/30/12	12:34:12	100	Closing Left	Good	Good
043	01/30/12	12:34:12	101	Charge To Open Left	Good	Good
044	01/30/12	12:34:13	415	Enter Restraint Left	Bad	Good
045	01/30/12	12:34:13	122	Opening Right	Bad	Good
046	01/30/12	12:34:13	123	Charge To Close Right	Bad	Good
047	01/30/12	12:34:13	427	Cancel Restraint Right	Bad	Good
048	01/30/12	12:34:23	417	Cancel Restraint Left	Good	Bad
049	01/30/12	12:34:24	113	Unknown Position Left	Good	Good
050	01/30/12	12:34:25	099	Power Fail	Bad	Bad
051	01/30/12	12:34:31	000	System Startup	Bad	Bad
052	01/30/12	12:34:31	116	Illegal Spring Left	Good	Good
053	01/30/12	12:34:31	136	Illegal Spring Right	Good	Good

Detail

Load

Reviewing events recorded in Micro-AT Source-Transfer Control "EVENT" menu.