

# Software Tools

For All Drives with communications

## Drive System Explorer Software

DSE is the programming, monitoring and diagnostic software platform for SSD drives. Thanks to the on-line help, users can achieve the optimum drive configuration without the need to navigate through complicated parameter menus. Advanced programming is carried out through a set of pre-engineered templates in order to create the required configuration. It is possible to monitor every parameter of the drive either as a digital value or as a function in the "chart recorder" during normal operation.

While the drive is in running mode the oscilloscope function allows "on-line" monitoring of selected parameters and the recording of trends. Using straightforward block programming, DSE allows the user to create, parameterize and configure user defined applications thanks to function blocks dedicated to speed control, inputs, outputs, ramps, winder functions, PID, diameter calculator, and more. Groups of function blocks can be combined into macros for more complex programs.

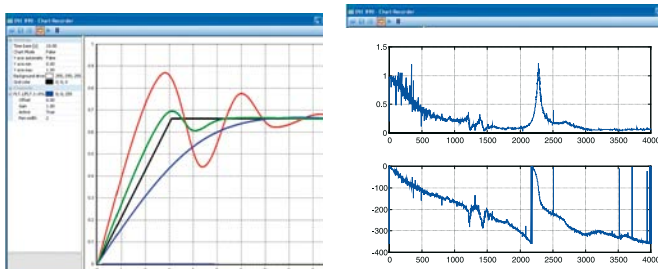
There are three levels of DSE software available.

- DSE Lite is provided as a free download, and is a fully functional package for drive programming, configuration, status monitoring, and diagnosis.
- DSE Development software adds the capability to create and edit projects using AC890 with Firewire communications.
- DSE Runtime allows the user to edit projects using AC890 with Firewire communications, but not create new ones.

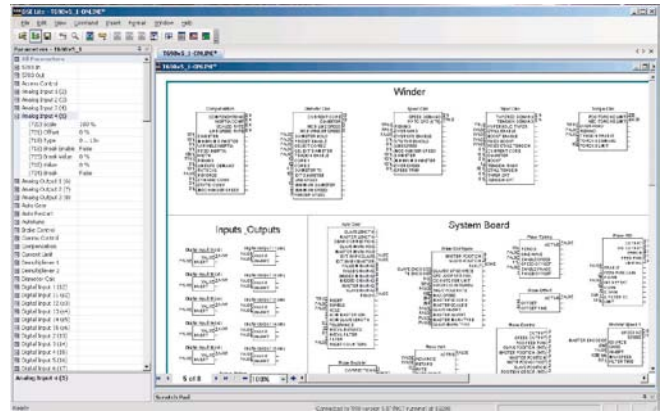
For users of DSD software who wish to migrate to the DSE platform, we offer upgrade packages for both development and runtime versions of that product.

## System Requirements

- Windows Vista® or Windows® XP, Home or Professional Edition operating system
- 100Mb of free hard disk space
- USB port for connecting to an AC890 or AC890PX drive
- Serial port for connecting to AC650V, AC690+, DC590+, or legacy drives.



Real-time data acquisition and oscilloscope functions



Function block configuration

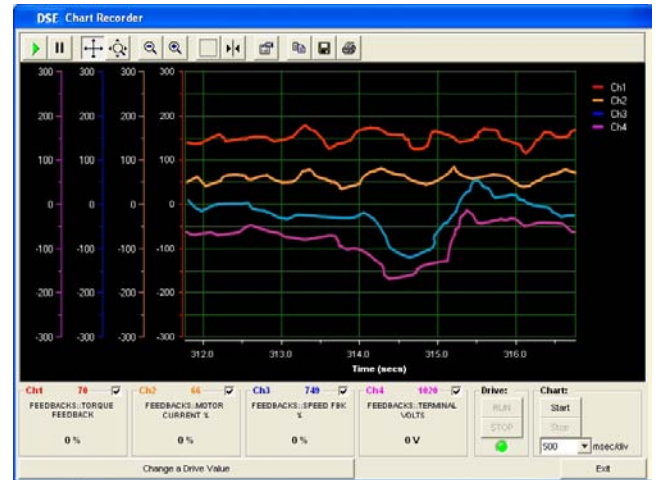


Chart recorder function

## Drive System Designer (DSD)

DSD software is a package used to configure LINK systems. It employs a graphical interface and configurable function blocks that offer unlimited, interconnectable control schemes to create the desired configuration. Starting from a simple diagram of the line, machine, or process, the user can set the various parameters (line speed, tension, etc.) and functions (winder, taper, dancer, etc.) for each motor.

Part Number	Description
DSE-Lite	DSE Lite software (single axis) + USB cable*
8906-DSEDEV-00	DSE Development software + USB cable
8906-DSEDEV-00	DSE Runtime/Maintenance + USB cable
8906-DSEDEVUPG-00	DSD Development to DSE Development Upgrade + USB cable
8906-DSEDEVUPG-00	DSD Runtime to DSE Runtime Upgrade + USB cable
DSD-DEV	LINK Development
DSD-RUN	LINK DSD Runtime

\* DSE Lite may also be downloaded free of charge

