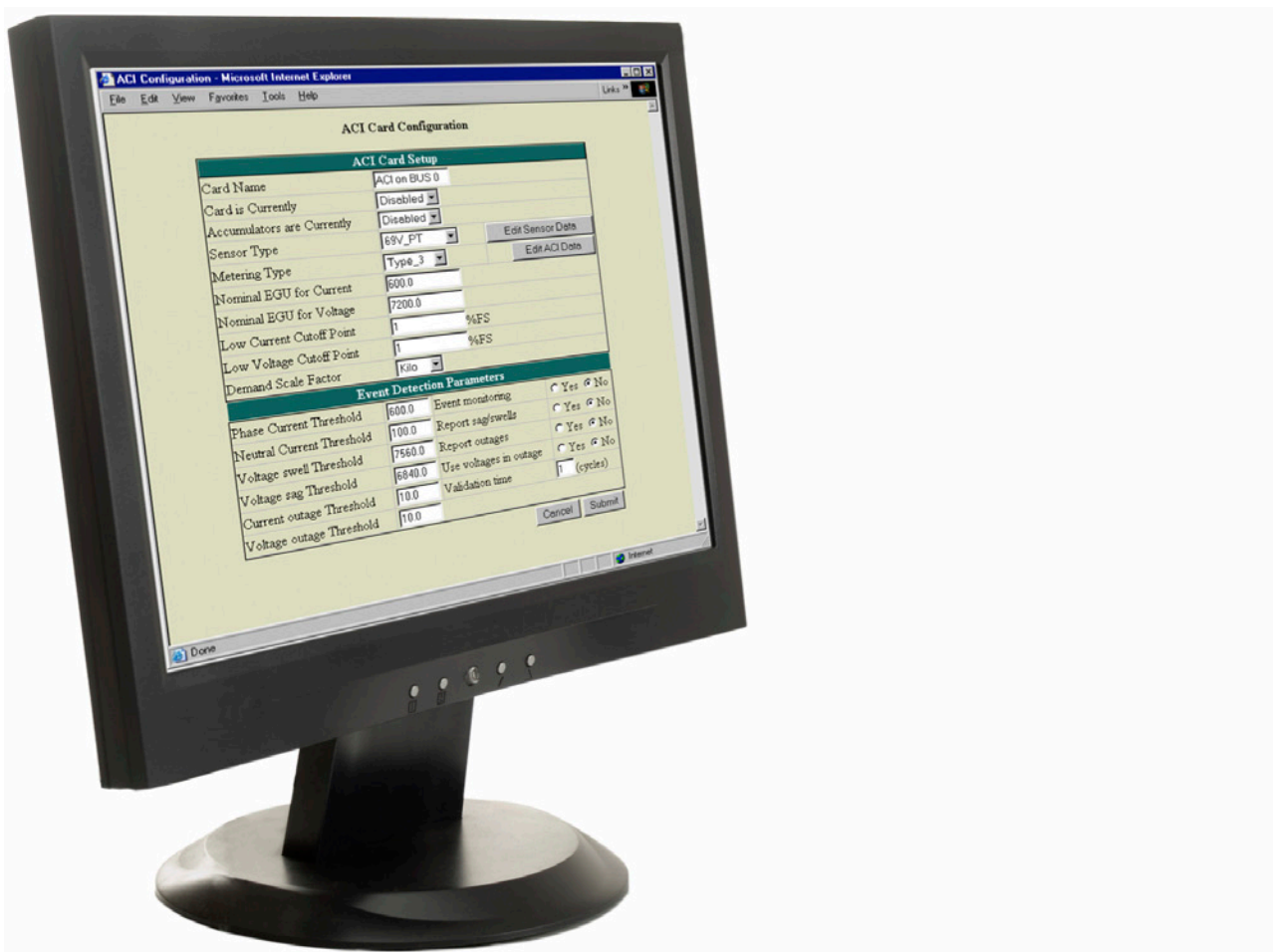


config@WEB

SAGE user interface: configuration has never been so easy



Make the most of your energySM

Schneider
Electric

config@WEB

config@WEB is the tool used to configure all of the SAGE family of Smart Automation Products.

config@WEB is designed to simplify Substation Automation configuration and integration issues especially those that involve many Intelligent Electronic Devices (IEDs), making complex projects simpler to setup and easier to manage.

config@WEB is embedded in every SAGE unit and uses a web server and web technology to ensure a flexible and standards-based product that can evolve with the ever-changing requirements of the utility world. Using the Internet Explorer® 6.0 (or newer) browser as the interface for set-up and configuration puts a thin client between the User and the field device and eliminates version problems that often occur when using a “thick” Windows application, while still allowing for a rich graphical user interface (GUI).

config@WEB provides an easy and intuitive way to manipulate data from a wide variety of sources such as data from any IED, discrete hardware I/O, pseudo points, calculated values from RLL and other special applications. Any or all of this data can be mapped to any of the communications ports, in any order, giving the user the ultimate flexibility. Point configurations include features such as a 40-character field for giving the data a meaningful, unique name, as well as a field that identifies the real source of that data point. This is extremely beneficial in applications with many IEDs. After all, how many analog point #1s are in your system and how do you keep them straight?

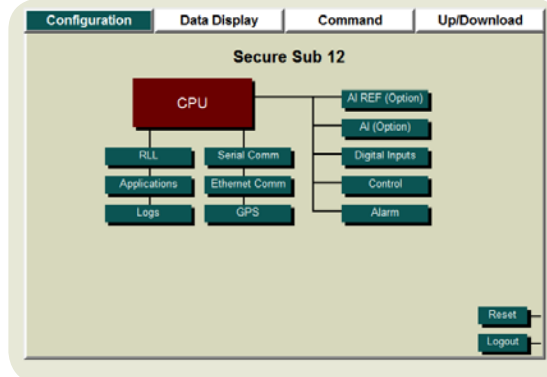
config@WEB scaling can be managed on a point-by-point basis and can be changed by the user as required. Points can be scaled to match the protocol of the MTU and the wide variety of implementations from different IED manufacturers, without custom firmware! It is not unusual for a data point in an IED to be represented as a 16 bit binary, 32 bit binary, or as an engineering unit or even some other representation, while the Master Station requires a 12 or 16 bit binary representation. In some devices this scaling may be hard coded into the unit and flexibility is needed in order to match the scaling required for specific device or IEDs being used. Ability to dynamically configure scaling means that upgrading to a newer model of the meter, relay, etc. which uses a different scaling, is easily handled by config@WEB without changing firmware and without additional cost.



config@WEB is a powerful, flexible tool for use in the new world of power automation.

config@WEB uses a friendly, graphical “point and click” mapping interface that greatly simplifies the task of selecting the data you want from the potentially huge number of points available in an IED. The task of combining many points from any number of separate sources into single or multiple databases for host applications is greatly enhanced and easily managed.

config@WEB is a powerful, flexible tool for use in the new world of power automation. Coupled with over 30 years of Electric Utility experience, the Schneider Electric SAGE family of remotes are versatile, safe and logical platforms for the next step in meeting the automation challenges of the future.



Port Number	RTS	+5 V DC	Name	Protocol	Configure Protocol	Point Operations	Copy to Port
Port #1	K	No	Master Station	DNPR	Port01	Map Points	Copy
Port #2	K	No	Port 2	DNPM	Port02	Configure	Copy
Port #3	K	No	Port 3	None	Port03	-	Copy
Port #4	K	No	Port 4	None	Port04	-	Copy
Port #5	K	Yes	Port 5	RTU-IED - 2179	Port05	-	Copy
Port #6	K	No	Port 6	Abber C2020(M)	Port06	-	Copy
Port #7	K	No	Port 7	C2100(M)	Port07	-	Copy
Port #8	K	No	Port 8	DNPM	Port08	-	Copy
Port #9	K	No	Port 9	Electran ET1	Port09	-	Copy
Port #10	K	No	Port 10	Harris (M) Incom	Port10	-	Copy
Port #11	K	No	Port 11	JEMO ASCII Modbus(M)	Port11	-	Copy
Port #12	K	No	Port 12	Quantum SEL	Port12	-	Copy
Port #13	K	No	Port 13	Series V(M) Symax	Port13	-	Copy
Port #14	K	No	Port 14	Tickle Transdata	Port14	-	Copy
Port #15	K	No	Port 15	Tunnel	Port15	-	Copy
Port #16	K	No	Port 16	MTU-RTU-8979	Port16	-	Copy

Point	Alarm Name	Device Name	Point Name	Unit	Alarm State
1	...	Hardware DI	RTU LR CONTROL SWITCH	OPEN	NORMAL
2	...	Hardware DI	BATTERY ALARM	OPEN	NORMAL
3	...	Hardware DI	FIRE/SMOKE DETECTED	OPEN	NORMAL
4	...	Hardware DI	FAILURE OF FIRE ALARM SYSTEM	OPEN	NORMAL
5	20/03/07 02:55:33.729	Hardware Analog	Phase A Amp	500 A	LOW
6	20/03/07 02:55:33.729	Hardware Analog	Phase B Amp	500 A	LOW
7	...	NO DEVICE	Phase C Amp	500 A	LOW
8	...	NO DEVICE	SHASE	-	-
9	...	NO DEVICE	SHASE	-	-
10	...	NO DEVICE	SHASE	-	-
11	...	NO DEVICE	SHASE	-	-
12	...	NO DEVICE	SHASE	-	-
13	...	NO DEVICE	SHASE	-	-
14	...	NO DEVICE	SHASE	-	-
15	...	NO DEVICE	SHASE	-	-
16	...	NO DEVICE	SHASE	-	-

Line	Date/Time	Event	Text
1	07/29/2007 14:00:40.635	Logged In	User: og, IP: 172.18.148.21
2	07/29/2007 18:45:19.725	Reset	RTU Reset, Mode: NORMAL
3	07/29/2007 18:45:54.138	Logged In	User: Admin, IP: 172.18.148.100
4	07/29/2007 18:45:58.073	Logged Out	IP: 172.18.148.100
5	07/29/2007 18:45:00.669	Config Changed	File: rusekup.xml, Tag: CPU
6	07/29/2007 18:44:59.954	Logged In	User: Admin, IP: 172.18.148.100
7	07/29/2007 18:44:04.919	Logged Out	IP: 172.18.148.100
8	07/29/2007 18:41:16.116	Config Changed	File: rusekup.xml, Tag: CPU
9	07/29/2007 18:39:46.424	Logged In	User: Admin, IP: 172.18.148.100
10	07/29/2007 18:24:55.096	Config Changed	File: rusekup.xml, Tag: CPU
11	07/29/2007 18:23:45.834	Config Changed	File: access.xml, Tag: USER
12	07/29/2007 18:23:13.970	Config Changed	File: access.xml, Tag: USERS
13	07/29/2007 18:21:40.086	Config Changed	File: amnrcstr.xml, Tag: STR_LIST
14	07/29/2007 18:19:57.207	Config Changed	File: rusekup.xml, Tag: CPU
15	07/29/2007 10:57:25.033	Logged Out	IP: 172.18.148.100
16	07/29/2007 10:49:37.738	Logged In	User: Admin, IP: 172.18.148.100
17	07/29/2007 10:49:28.958	Power Up	RTU Started Up, Mode: NORMAL
18	07/29/2007 08:28:58.987	Config Changed	File: indspr.xml, Tag: ED
19	07/29/2007 08:27:38.158	Config Changed	File: indspr.xml, Tag: ED

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