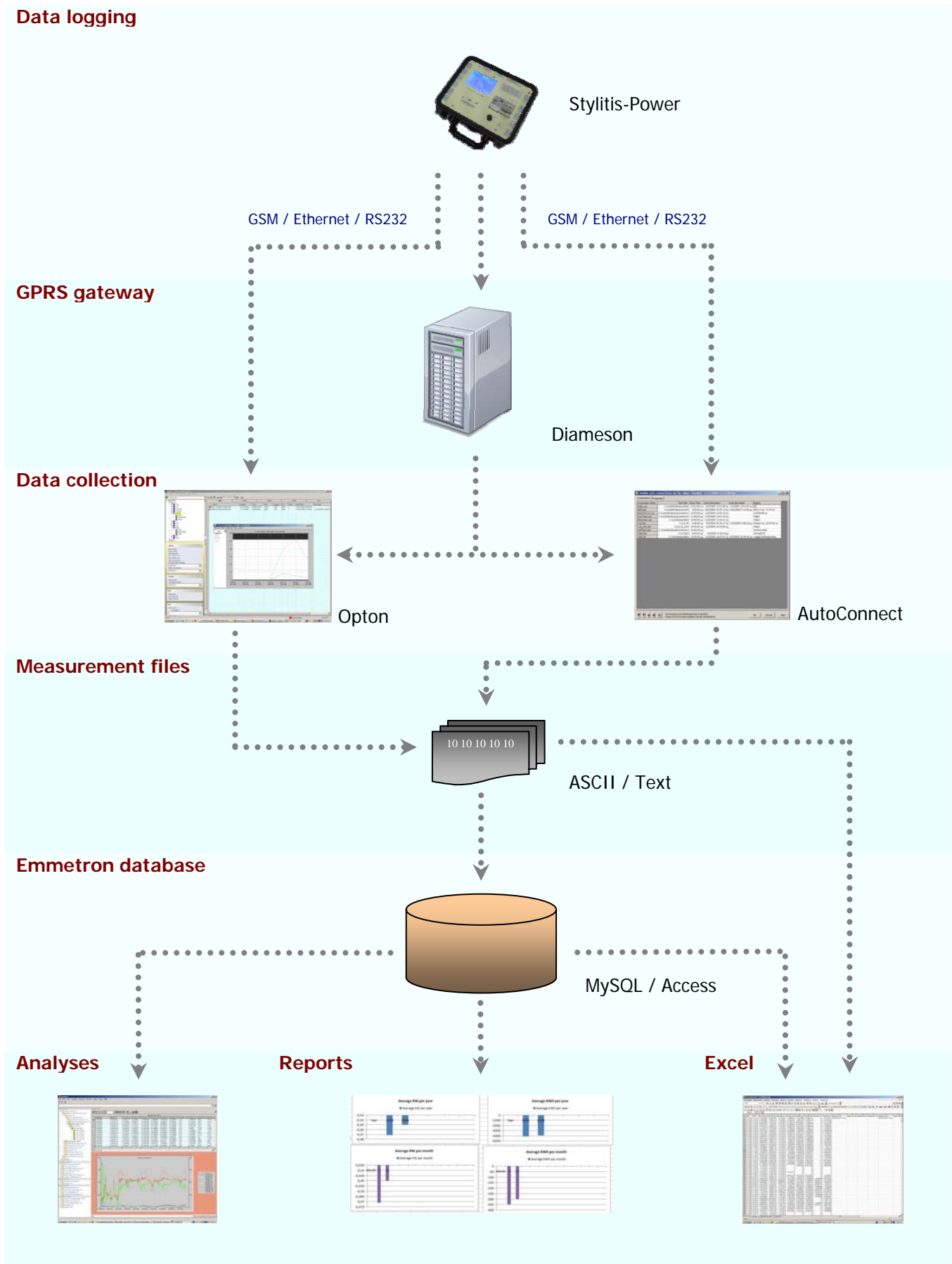


An integrated system

- Collect electric measurement data from buildings, factories, substations, etc.
- Measure up to 10 input-output current lines: 0 ~ 6000 amps.
- Record RMS Volts, RMS Amps, kW, kVA, kVAR, kWh, Frequency and Power factor.
- Set statistical intervals from 0.5 second to 1 hour.
- Communicate via Ethernet, GSM, GPRS, RS-232.
- Transfer measurements to a central database.
- Present data in reports, tables, charts and bar graphs.
- View data statistics: Min, Max, Average, Variance and Standard deviation, per hour, day, month and year.
- Compare measurement locations.
- Output data in Excel, Text and HTML form.

Applications

- Electric bill cost management
- Green building certification
- Machine operation scheduling in factory
- Monitoring of substations network



System components

For detailed specs please refer to individual data sheets.
Software compatible with Windows 2000/XP/2003/Vista/2008.

Stylitis-Power data logger

- 4 differential (3phase + neutral) voltage inputs rated at 280 VRMS.
- 40 differential (3phase + neutral) current transformer inputs for voltage-output sensors.
- Measures RMS Volts, RMS Amps, Frequency, Power factor.
- Calculates Active, Reactive, Apparent power and Energy for each phase.
- Averaging interval from 0.5 seconds to 1 hour.
- Built in Ethernet, RS-232 quad-band GPRS modem and touch-screen graphic LCD.
- IP-65 enclosure and connectors.
- 85 to 264 VAC Universal power supply with Built-in Earth Leakage Circuit Breaker.

Diameson software

- Gateway server allows on-line connections via GPRS network service.
- Does not need fixed IP address SIM cards in modems.
- Compatible with all Symmetron software and hardware.
- Modems may be connected on Symmetron server for a small fee.
- Diameson may run on customer server.

Opton software

- Management and presentation of Stylitis data loggers and files.
- Single-click selection of most operations.
- Graphical setup of data logger.
- Data organized in Windows folders with each folder representing a site.
- Built-in data viewer and graph. On-line plot.
- Data retrieval and decompression via RS232/Ethernet/GSM/GPRS modems.

AutoConnect software

- Automatic downloading, decompressing and storing of data logger files to corresponding site folder.
- Unattended operation via RS232/Ethernet/GSM/GPRS modems.
- Compatibility with all Symmetron software and hardware.
- Automatic emailing of downloaded files to third-party recipients.

Emmetron software

- Consolidates resources, events and data from measurement campaigns into one integrated environment.
- A central MySQL or Access database for all data.
- Network operation.
- Automatic/manual data retrieval from Stylitis data logger site folders.
- Built-in document management, query generator, report generator and task manager
- User-parameterized.

