

Diameson

TUNNEL SERVER

includes

Manager & COM Port Connector

By Symmetron

Diameson

A Windows server application, which allows connections between GPRS clients.

Diameson is designed for use with Symmetron data loggers and software.

DATA LOGGER COMPATIBILITY

- Stylitis-41 via Symonet modem.
- Stylitis-101 via Symonet modem.
- Stylitis-10+GSM.
- Stylitis-Power.
- Stylitis-50.

FEATURES

- Tunnel server allows on-line connections between users and data loggers via any GPRS network service.
- Matches users and data loggers based on serial numbers and passwords.
- GPRS modems work with low-cost, dynamic IP, SIM cards.
- Diameson may run on customer's server.
- Devices may be connected on Symmetron's own Diameson server.
- Keep-alive feature avoids dropping of GPRS connections by service provider.
- Diameson Manager (included) allows parameterization of users and devices.
- All activity logged in database for later analysis by Diameson Manager.
- Real-time window shows active user and data logger connections at a glance.
- Users and data loggers may be manually disconnected.
- Built-in client test.
- Upper limit of on-line users and devices is programmable.
- Compatible with all Symmetron software and hardware.
- Runs on Windows 2000/ XP/ 2003/ Vista/ 2008.

INTEGRATED SYSTEM

Part of a complete system, Diameson collaborates with other Symmetron products:

- **Opton** – data and data logger management software.
- **Stylitis Explorer** – data and data logger management software.
- **AutoConnect** – automatic connection and download software.

For detailed specs please refer to individual product data sheets.

Diameson Manager

A Windows application, which allows administration of the Diameson database. Included free with Diameson.

Diameson Manager can access Diameson databases from any computer in a LAN.

FEATURES

- Enable or disable Users and Devices.
- User entry with details. User filtering by Name, Status.
- Device (data logger) entry with details. Device filtering by Status, Type, Serial number, User name, Date.
- Programmable maximum limits per device:
 - Connection time.
 - Sent and received data bytes.
 - Date.
- Connection and disconnection activity filtering by Date, Origin (device or user), Traffic, Duration, IP Address, Type, User Name.
- Application filtering by Event, Type.

STATISTICS

User statistics:

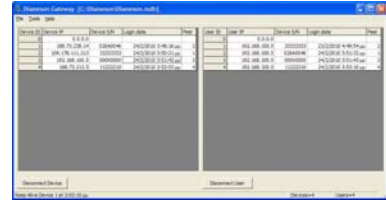
- By Status
- By Country

Device statistics:

- By Serial number
- By Type
- By Traffic
- By Connection Time

Connection and disconnection statistics:

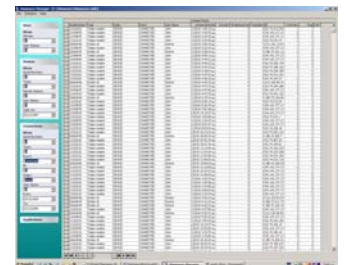
- By serial number
- By Type
- By Origin (device or user)
- By IP Address
- By day, month, year



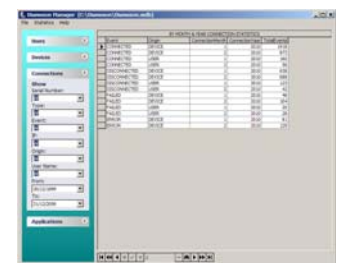
Diameson



Diameson Client Test



Diameson Manager



Diameson Manager Statistics

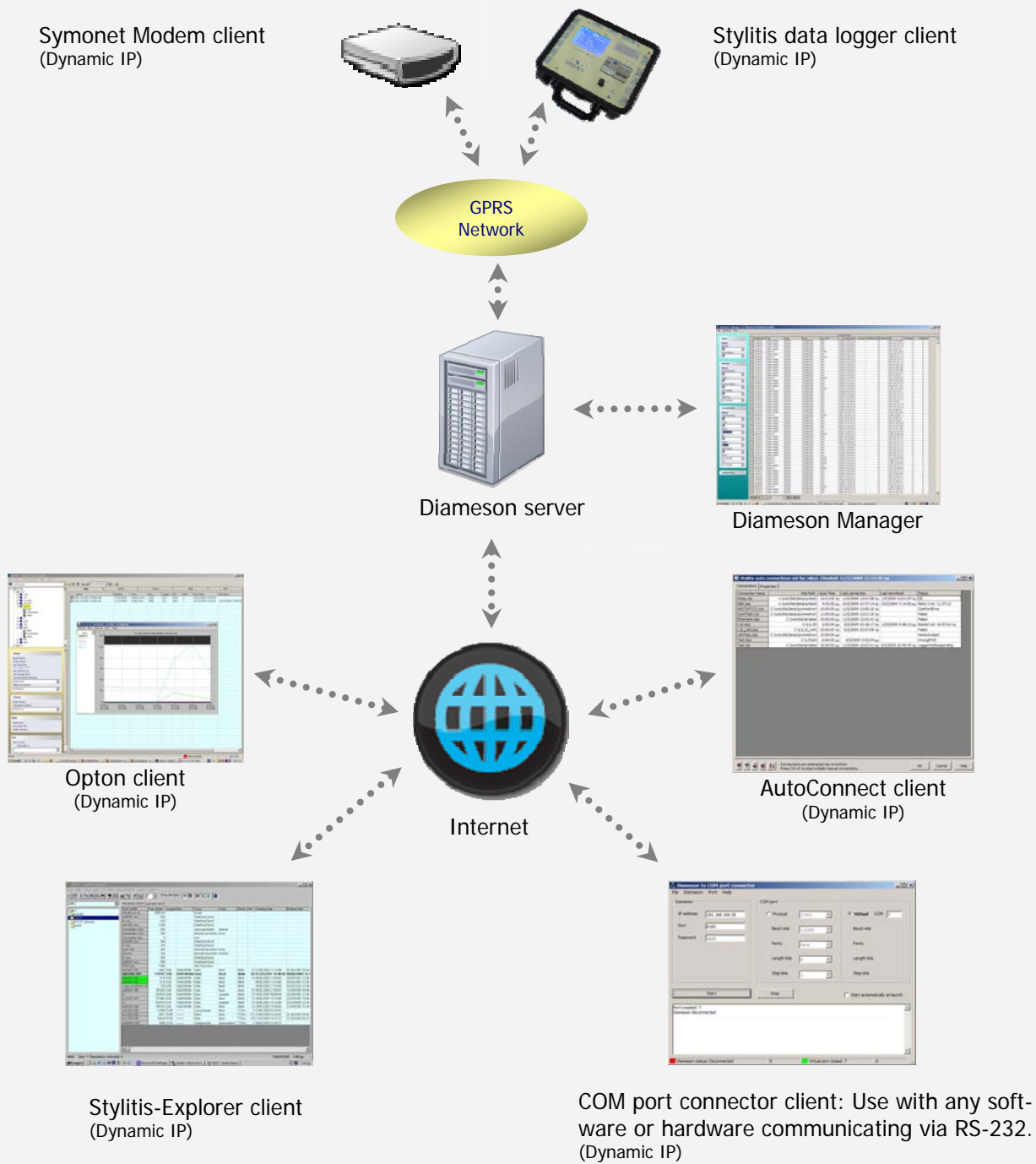
Diameson is also available as a service.
Contact Symmetron for details.


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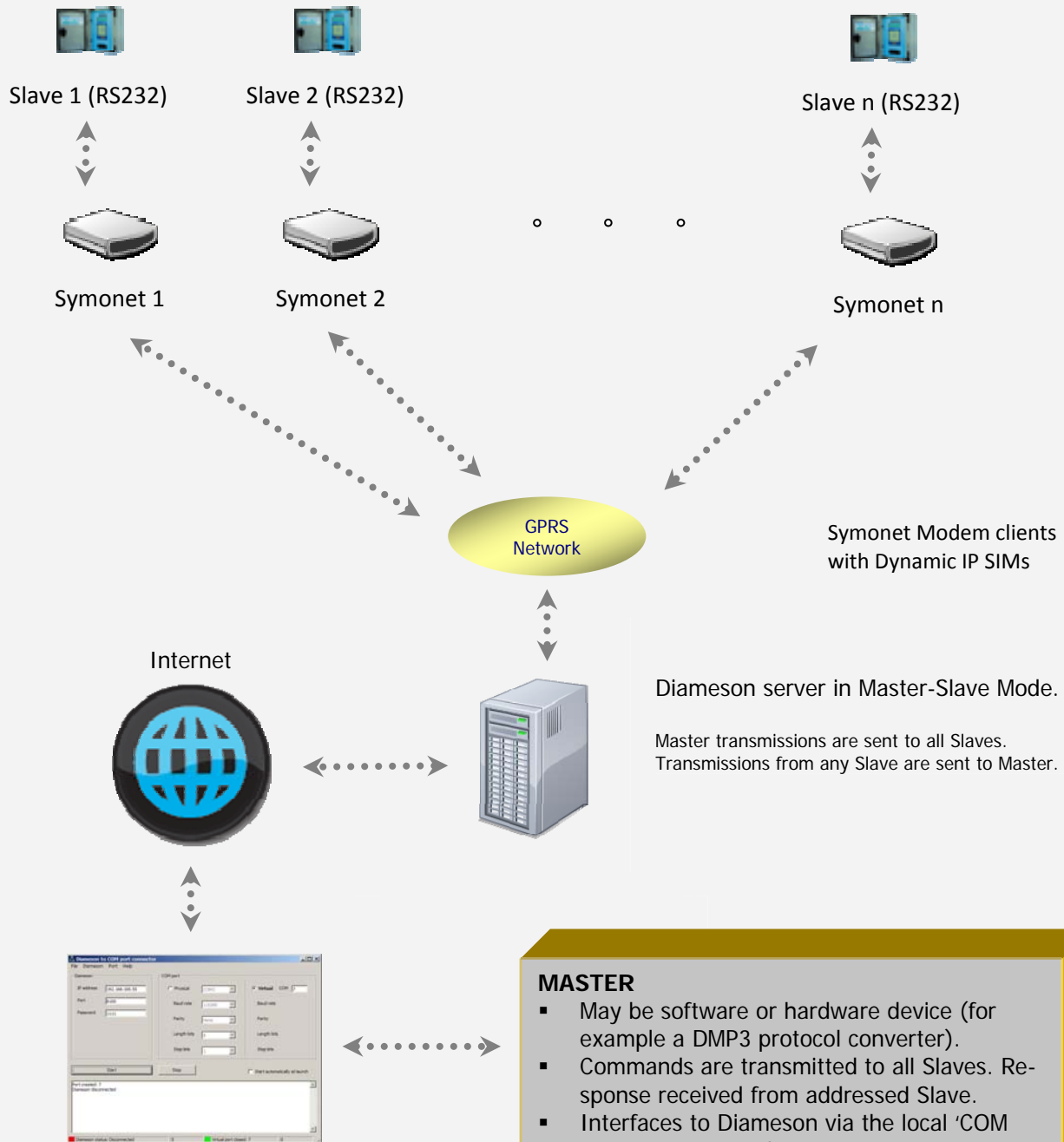
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TUNNEL SERVER

GPRS client via Diameson (using Dynamic IP SIM card)



Master-Slave GPRS network via Diameson (Virtual RS-485 bus)



COM port connector client: Use with any software or hardware communicating via RS-232. (Dynamic IP)

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