

# **MySQL and EMC**

# Installation of Database and EMC Software

3-349-740-03 1/8.13



# Content

-		
Pa	a	e
u	Э	v

3

1	Application	2
2	System Requirements	2
3	Installation of MySQL Software	2
4	Installation of EMC Software	6
5	Product Support	7

# Installation of MySQL Software

The EMC software is based on a MySQL database.

Please download the installation files for MySQL server 5.1 version 5.1.44. A link for downloading the installation files is given <u>here</u>.

The zip file, once downloaded, must be unzipped into a directory. The setup file will then be available in this directory.

#### Step 1

✤ The installation routine is started by double-clicking on setup.

The following installation window pops up.

🙀 MySQL Server 5.1 - Setup	Wizard X
	Welcome to the Setup Wizard for MySQL Server 5.1
	The Setup Wizard will install MySQL Server 5.1 release 5.1.44 on your computer. To continue, click Next.
MySQL.	WARNING: This program is protected by copyright law.
	< Back Cancel

Click "Next".

#### Step 2

🛃 MySQL Server	5.1 - Setup Wizard 🔀
Setup Type Choose the set	tup type that best suits your needs.
Please select a	a setup type.
• Typical	Common program features will be installed. Recommended for general use.
C Complete	All program features will be installed. (Requires the most disk space.)
Custom	Choose which program features you want installed and where they will be installed. Recommended for advanced users.
	< <u>B</u> ack <u>N</u> ext > Cancel

Select option "Typical" and click "Next".

# 1 Application

As a prerequisite for installing and using the Energy Management Control Software (EMC) you have to install the MySQL database first.

# 2 System Requirements

#### PC Hardware

- Dual Core or higher-grade processor
- RAM with a minimum of 2 GB
- Hard disk with at least 10 GB of free storage capacity
- VGA monitor with a resolution of at least 1024 x 768 pixels
- Input equipment (mouse/keyboard)
- Printer, if required
- USB interface

#### **Operating System / Software**

- Microsoft Windows 7 (32 bit or 64 bit)
- Internet Explorer 8 or 9
- j2sdk 1.6.0 or higher
- MySQL 5.1.44



Click "Install".  $\Box$ 



Activate field "Configure the MySQL Server now" and click  $\Box$ "Finish".

This process will launch a new installation wizard.

#### Step 6



 $\Box$ Click "Next".

#### Step 4b



 $\Box$ Click "Next". Step 7



Select option "Detailed Configuration" and click "Next".  $\Box$ 

Step 4a

×



Select option "Developer Machine" and click "Next".

#### Step 9



Select option "Multifunctional Database" and click "Next".

#### Step 10



Select the requested installation path and click "Next".

1v50L Server	Instance Configuration
Configure the I	hysQL Server 5.1 server instance.
Please set the	approximate number of concurrent connections to the server.
Decision 9	upport (DSS)/OLAP
2	Select this option for database applications that will not require a high number of concurrent connections. A number of 20 connections will be assumed.
🔿 Online Tra	nsaction Processing (OLTP)
- 🖏	Choose this option for highly concurrent applications that may have at any one time up to 500 active connections such as heavily loaded web servers.
C Manual Se	tting
3	Please enter the approximate number of concurrent connections.
	Concurrent connections: 15

Select option "Decision Support (DSS)/OLAP" and click "Next".

#### Step 12

stance Configuration Wizard
Instance Configuration MySQL Server 5.1 server instance.
networking options.
P/IP Networking
Enable this to allow TCP/IP connections. When disabled, only local connections through named pipes are allowed.
Port Number: 3307 💌 🔽 Add firewall exception for this port
server SQL mode.
rict Mode
This option forces the server to behave more like a traditional database server. It is recommended to enable this option.
< Back Next > Cancel

- Select options "Enable TCP/IP Networking", "Add firewall exception for this port" and "Enable Strict Mode".
- Set the pulldown menu "Port Number" at the value **3307**.
- Click "Next".

#### Step 13



Select option "Standard Character Set" and click "Next".



MySQL Server Ins	stance Configura	tion Wizard				×
MySQL Server Configure the f	<b>Instance Configu</b> MySQL Server 5.1 s	iration erver instance,				$\bigcirc$
Please set the	Windows options. Windows Service	<b>x</b>				
(Oran	This is the recommon Windows.	- nended way to r MySQL	un the MySC	QL server		
V Include Bi	n Directory in Wi Check this option server / client exe so they can be ca	Launch the ndows PATH to include the di cutables in the ' lied from the cor	> MySQL Ser rectory cont Windows PA mmand line.	rver automatic taining the ITH variable	ally	
		< Back		Next >		ancel

Activate all options and click "Next".



Select option "Modify Security Settings", "Enable root access from remote machines", enter "root" as password and click "Next".

## Step 16



⇔ Click "Execute".



⇔ Click "Finish".

The rest of the installation process is performed automatically.

#### Step 18

After the installation of the MySQL database has been completed, shut down your computer and restart it afterwards.

# 4 Installation of EMC Software

#### Step 19

For installing the EMC software, unzip the zip file on the enclosed CD ROM and follow the instructions below.

#### Step 20

Start the setup wizard of the EMC software by double-clicking on the exe file.



## Step 21

- O LINC St	
5	Bitte wählen Sie eine Sprache: Deutsch (Deutschland)
	Ok Abbrechen

Confirm the settings in the EMC setup dialogue for your respective language by clicking "OK".

#### Step 22



Click "Weiter" (Continue), to install the setup wizard of the EMC software.

#### Step 23



Select the requested file path and confirm by clicking "Weiter" (Continue).

#### Step 24



#### Step 25

Setup	X
Ð	Der Setup Assistent von EMC wird abgeschlossen.
	Klicken Sie auf "Ferligstellen", um den Setup Assistenten zu beenden.
	☑ EMC austühren
	< Zurück Ferügstellen Abbrechen

Click on "Fertigstellen" (Finish).

After the console shown in the figure below has opened, it will take some time before you will be requested to enter an IPv4 address.



Enter the IP address here which has been agreed upon with our project engineering department for your SMARTCONTROL and confirm your entry by pressing the Enter button of your PC.



#### Step 27

The installation is finished as soon as the console window has closed automatically.

Shut down your computer and restart it afterwards.

The Energy Management Control Software (EMC) is now ready for use.

# 5 Product Support

When you need support, please contact:

GMC-I Me	esstechnik GmbH
Product Sup	oport Hotline
Phone	+49 911 8602-500
Telefax	+49 911 8602-340
E-Mail	customer.project@gossenmetrawatt.com

Edited in Germany • Subject to change without notice • A pdf version is available on the Internet



GMC-I Messtechnik GmbH Südwestpark 15 90449 Nürnberg • Germany Phone +49 911 8602-111 Fax +49 911 8602-777 E-Mail info@gossenmetrawatt.com www.gossenmetrawatt.com