

PRODUCT CONFORMITY CERTIFICATE

This is to certify that the

Emidate Software

Manufactured by:

Siemens AG Austria

Siemensstrasse 90
1210 Vienna
Austria

has been assessed by Sira Certification Service
and for the conditions stated on this certificate complies with:

**MCERTS Performance Standards and Test procedures for
Environmental Data Management Software, Version 4, (December 2017)
in respect of:**

- Part A – Generic Software Quality
- Part B – Data Management Application Standard
- Part C1 – CEMS Data management applications – Generic Requirements
- Part C2 – CEMS Data Management Applications – EN14181 Requirements

Project No.: 70167530
Certificate No: Sira MC180329/00
Initial Certification: 28 February 2018
This Certificate issued: 28 February 2018
Renewal Date: 27 February 2023

Emily Alexander
Deputy Certification Manager

MCERTS is operated on behalf of the Environment Agency by

Sira Certification Service

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Approved Site Application

Any potential user of the certified software should:

- 1) Ensure that it is suitable for the platform on which it will be installed (if necessary in consultation with the software producer)
- 2) Ensure that the selection and operation of the software is appropriate to the application

Basis of Certification

This certification is based on the following Test Report(s) and on Sira’s assessment and ongoing surveillance of the product and the manufacturing process:

- 182_v2_Siemens_MCERTS_v3_Emidate_6_5_Final-Assessment_Report dated 3rd January 2018.

Product Certified

Product	Version	Remarks
Emidate software	V6.5	Version prepared for MCERTS Data Management certification

This certificate applies to the following executable files:

Executable (.exe) files	Function	Location
EmidateCC	Online visualisation and viewing historical data	Client
EmiDiagnosticService	Diagnostic and licensing service	Server
EmiExportService	Cyclic data export	Server
EmiMessages	Display actual and historical messages	Client
EmiMessSrv	Main service	Server

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EmiParameter	Central parameterization tool	Client
EmiProtocol	Report generator	Server and Client
EmiQal3	Tool for processing QAL3 according to EN14181	Server and Client
EmiRawDataViewer	Viewing input raw data	Server
EmiSystemCheck	Viewing global status of Emidate system	Client
EmiToolBox	Tool collection for commissioning	Client
EmiUpdateLoader	Loads the newest Emidate versions from the server	Server and Client
EmiWatchdog	Checks the status of Data acquisition service	Server
Siemens.Support.dll	Holds general functions like login and logging	Server and Client

Late minor changes to the certified version are permitted in accordance with the conditions of the standard.

Software Modifications

In the event of a major release the developer shall provide brief supporting evidence to the Certification Body who will advise whether recertification is necessary.

Certified Performance

The application is able to perform the following tasks:

- Acquisition and validation of real time data via Profibus and/or Ethernet
- Full compensation for pressure, temperature, moisture and oxygen
- Standardization and calculation of values (concentration, mass, ...)
- Calculation of limit values for single-, multi- or mixed fuel operation
- Generation of predefined and individual reports automatic and on demand
- Online visualization and access to historical data in table or line chart
- Automatic or manual reporting of analyser quality assurance according to EN14181 QAL3

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Description

Siemens Emidate is a data acquisition and handling system (DAHS) with Client/Server architecture. The highlights of Emidate are:

- Compliance with European LCPD and WID
- Export of raw data
- OS independent user management
- Online parameterization
- Structured license model from small to huge plants
- Floating client license (concurrent use)
- Multilingual user interface
- 6 free definable acquisition cycles (minute, half hourly, hourly, ...)
- Up to 13 free definable compression cycles for rolling and block averages (daily, monthly, ...)
- Automatic data export to Internet/Intranet
- All defined reports may be set via eMail, sent via ftp, saved as pdf or printed out

General Notes

1. This certificate is based upon the equipment tested. The Manufacturer is responsible for ensuring that on-going production complies with the standard(s) and performance criteria defined in this Certificate. The Manufacturer is required to maintain an approved quality management system controlling the manufacture of the certified product. Both the product and the quality management system shall be subject to regular surveillance according to 'Regulations Applicable to the Holders of Sira Certificates'. The design of the product certified is defined in the Sira Design Schedule V001 for certificate No. Sira MC180329/00
2. If certified product is found not to comply, Sira Certification Service should be notified immediately at the address shown on this certificate.
3. The Certification Marks that can be applied to the product or used in publicity material are defined in 'Regulations Applicable to the Holders of Sira Certificates'.
4. This document remains the property of Sira and shall be returned when requested by the company.

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