

elvace

CM*e***SERIES**
The everything meter.

Report Templates
Description Template
3007

CMe2100, CMi2110, CMi2120, CMi2130

HTTP status report - single post - plain

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1 Document notes

All information in this manual, including product data, diagrams, charts, etc. represents information on products at the time of publication, and is subject to change without prior notice due to product improvements or other reasons. It is therefore recommended that customers contact Elvaco AB for the latest product information before purchasing a CMe/CMi Series product.

The documentation and product are provided on an "as is" basis only and may contain deficiencies or inadequacies. Elvaco AB takes no responsibility for damages, liabilities or other losses by using this product.

1.1 Copyright and Trademark

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CMe/CMi Series is a trademark of Elvaco AB, Sweden.

1.2 Contacts

Elvaco AB Headquarter

Energigatan 9
434 37 Kungsbacka
SWEDEN

Phone: +46 300 30250

Fax: +46 300 18440

E-Mail: info@elvaco.com

Elvaco AB Technical Support

Phone: +46 300 434300

E-Mail: support@elvaco.se

Online: <http://www.elvaco.com>

2 Using this document

2.1 Purpose and Audience

This document describes the contents of the report information created from report template 3007. Use this document together with Report Template Reference Information for complete understanding of this report template contents.

For customer specific templates, please contact Elvaco AB.

2.2 Models

CMe2100,CMi2110,CMi2120,CMi2130

2.3 Additional and updated information

Latest documentation version is available on Elvaco web site at <http://www.elvaco.com>.

3 Report format

This report contains status information sent from the product. Example of status information is cell information, signal quality etc. On execution of this report, one post with status information is sent to the HTTP Server. The HTTP method used is HTTP POST.

3.1 HTTP Headers

3.1.1 User-Agent

To identify the product, the HTTP header User-Agent is filled with the following information:

```
User-Agent=TC65i/<imei> Profile/IMP-NG Configuration/CLDC-1.1
Model/<model> Hardware/<hw> Firmware/<fw> Application/<sw>
Serial/<serial>
```

Parameter description

<imei>	15 digit product module IMEI number
<model>	Product model, i.e. CMe1000, CMe1100, CMe2000, CMe2100
<hw>	Product hardware version, i.e R4A
<fw>	Product module firmware version, i.e. 01.100
<sw>	Product software version, i.e. 1.1.0
<serial>	10 digit product serial number, i.e. 0006000000

3.1.2 Filename

Filename header is filled with a name which can be useful when storing the body contents in a file on a server share.

```
<serial-number>_ statusreport_<time>_<report-id>.csv.
```

Example of a file sent from a product with serial number 0006123456 at 2010-09-01 01:00:00:

```
0006123456_statusreport_20100901010000_3007.csv.
```

3.2 Body contents

The body contains a column header line and key value pairs of information. See Table 1 for column line information definition and Table 2 for value line definition.

Column index (0 = first column)	Column contents	Description
0	#	Fixed value indicating column information line.
1	key	Fixed value
2	value	Fixed value

Table 1 Column header line definition

Column index (0 = first column)	Column contents	Description
0	<key>	<p>Key name</p> <p>Can be one of the following:</p> <ul style="list-style-type: none"> time serial-number name part-number imei imsi hw-version sw-version boot-time internal-temperature internal-voltage rsi gprs-available operator cell apn ip simid prepaid-infoavailable prepaid-credits prepaid-currency prepaid-expiredate
1	<value>	Value
Example of body contents		

```
#key;value
time;2010-09-28 08:34:52
serial-number;0012000848
name;
part-number;CMi2110
imei;353234020692347
imsi;240016002844890
hw-version;R4A
sw-version;1.1.4
boot-time;2010-09-27 12:03:42
internal-temperature;28 °C
internal-voltage;4074 mV
rssi;-75 dBm
gprs-available;2
operator;TELIA S
cell;AB7C
apn;online.telia.se
ip;90.237.26.36
simid;89460100090806021242
prepaid-infoavailable>true
prepaid-credits;92,30
prepaid-currency;SEK
prepaid-expiredate;2011-09-29 00:00:00
```

Table 2 Value line definition and example file

3.3 Definitions

Type	Value	Description
Column delimiter	Semi-colon “;”	The field separator
Decimal point delimiter	Not used	Decimal separator character
End of line character(s)	CRLF (0x0D0A)	End of every line, before starting a new line.

Table 3 Definitions

4 Document History

Version	Date	Description	Author
1.0	2010-09-27	First release	David Vonasek

4.1 Document software and hardware appliance

Type	Version	Date	Comments
Hardware	-	-	-
Software	>1.1.5	2010-03	

5 References

5.1 References

- [1] CMe Series User's Manual
- [2] CMi2110 User's Manual
- [3] CMi2120 User's Manual
- [4] CMi2130 User's Manual
- [5] Report Template Description [n], where n is the report template id

5.2 Terms and Abbreviations

Abbreviation	Description

5.2.1 Number representation

Decimal numbers are represented as normal number, i.e. 10 (ten).

Hexadecimal numbers are represented with prefix 0x, i.e. 0x0A (ten)

Binary numbers are represented with prefix 0b, i.e. 0b00001010 (ten)