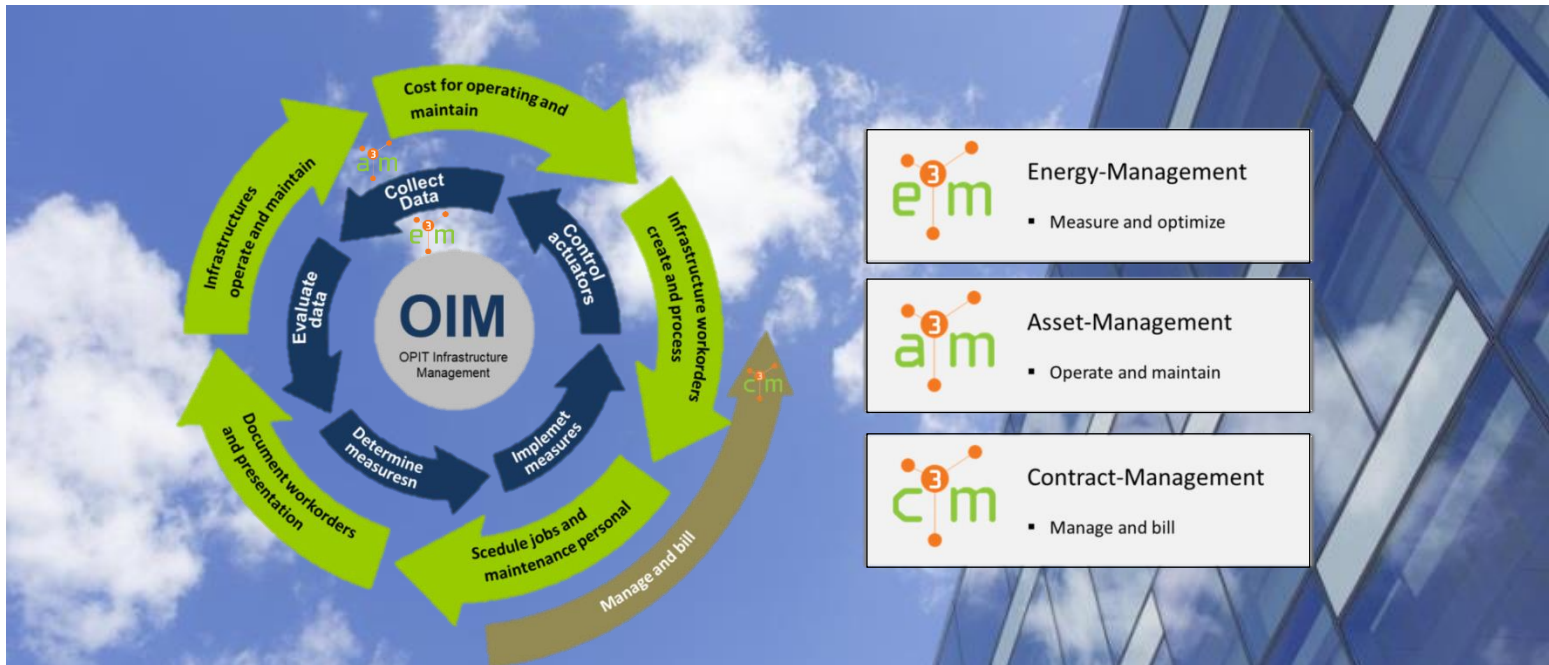




OPIT SOLUTIONS

OPIT Solutions AG

OPIT Infrastructure Management (OIM) The solution for sophisticated energy, asset and contract management



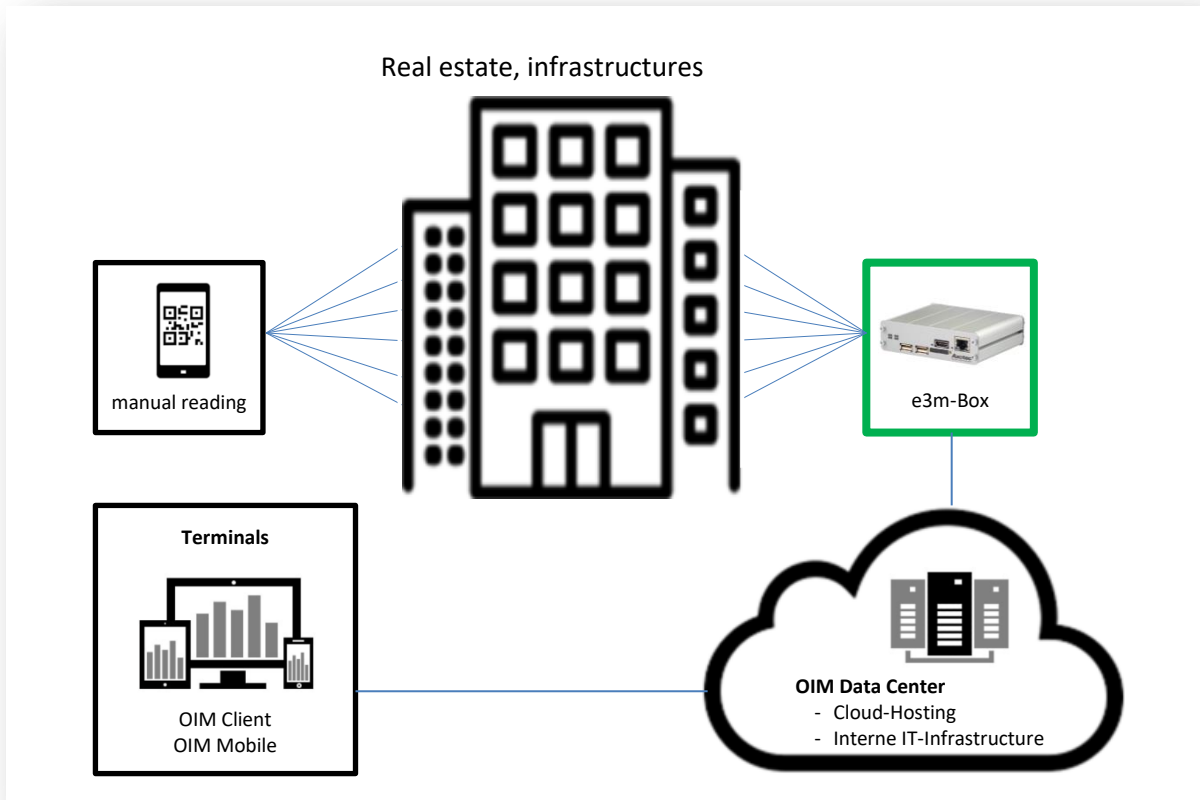
e3m-Box

More than a data logger

The maintenance-free hardware solution for the acquisition and preparation of the measured values on site up to the comprehensive alarm-, visualization- and control system.

More than a data logger

The e3m Box is a maintenance-free hardware solution for recording and processing the measured values on site. The data is periodically transmitted via the Internet or intranet to the data center. In addition to the function of the e3m box as a clever data concentrator, it also serves as a comprehensive alarm-, visualization- and control system.



Connecting the measuring points to the e3m box – made easy

With a large number of drivers integrated in the e3m box, a wide variety of measuring sensor systems can be connected directly to the box and their values can be read in. Depending on the desired number of values to be read, different e3m boxes are available.

e3m-Box	M-Bus	Modbus	BACnet / BACnet- Server	KNX/EIB	Simatic S7 M-Bus	Danfoss Wurm IP	SNMP- SQL	S-Bus Sata	MQTT
TCP/IP Ethernet	X	X	X	X	X	X	X	X	X
RS232/ RS485	X	X	-	-	-	-	-	-	-

Always the optimal performance

We offer you the optimally designed box for every installation.

e3m-Box NANO

Installations with up to 50 measuring points

- Processor: ARM Cortex-A7 32-bits 528MHz 128KB Cache
- RAM: 512MB DD3 400Mhz
- Storage: 4GB eMMC flash
- 1x Ethernet 10/100Mb port
- 1x RS-485 serial port.
- 1x M-Bus master level converter up to 50 slave devices
- 9VDC - 32VDC power supply (not included)



e3m-Box SMINT3

Installations with up to 1'000 measuring points

- Raspberry Compute Module CM3+
- Processor: ARM Cortex A53 quad core 1.2GHz
- RAM: 1GB DDR2
- Storage: 4Gb eMMC
- 1x Ethernet 10/100Mb port
- 2x USB 2.0 ports
- 1x RS-232 serial port.
- 1x M-Bus master level converter up to 25 slave devices
- 24VDC power supply (not included)
- Included DIN-Rail mount
- Optional 3G/LTE modem



e3m-Box SMART3

Installations with up to 5'000 measuring points

- Processor: Intel Atom E3826, 1.56GHz, dual core
- RAM: 2GB
- 32 GB SSD mSATA Drive
- 2 x ethernet GbE LAN
- 2 x RS232/422/485 ports
- 2 x USB ports USB3.2
- 12VDC power supply (not included)
- Included mount kits and DIN-rail adapter



e3m-Box RACER2

Installations with up to 30'000 measuring points

- Processor Intel Atom Processor E3845 1.91 GHz Quad Core, 2MB L2
- Memory On-board 4GB DDR3L 1600 MHz / 4GB DDR3L 1333 MHz
- Ethernet Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az
- Storage One mSATA
- 4 x USB ports (1 x USB3, 3 x USB2)
- 24VDC power supply (not included)
- 1 x Full-size mPCIe slot
- Optional 3G/LTE modem
- DIN rail extension available





Sustainable, efficient and cost-saving

With the experience of more than 20 years, OPIT Solutions AG takes on the topics of efficient, environmentally friendly and sustainable use of our energy resources (energy management e3m) as well as efficient planning and operation of infrastructures (asset management a3m) and the professional billing of ancillary costs (contract management c3m).


Using state-of-the-art technologies, OPIT Solutions AG has developed a web and app application that supports our customers in efficient handling in energy, asset and contract management. With a sustainable further development, OPIT Solutions AG responds to the wishes and valuable suggestions of our customers and partners and thus ensures the fulfillment of the constantly growing market needs.

Despite the rapidly growing regulatory provisions, cost reductions are generated by identifying potential savings. In addition to lower costs, this also leads to a sustainable economic and ecological approach to the management of infrastructures.

Through our project and trading partners, we work together to find the optimal solution for your company tailored to your needs. We are happy to advise you personally and make our more than twenty years of experience available to you.


your OPIT-Team

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Energy-Management

- Measure and optimize



Asset-Management

- Operate and maintain



Contract-Management

- Manage and bill