/ Fronius

SHIFTING THE LIMITS

FRONIUS DATAMANAGER
THE FIRST INTEGRATED DATALOGGER WITH WLAN

Fronius International GmbH

Division Solar Electronics

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WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS.

THE FRONIUS DATAMANAGER…

/ …is the **new generation of the Fronius Datalogger Web** in the form of a card

/ …facilitates the integration of **data logging**, **Ethernet** and **WLAN** as well as a **web server** in every Fronius inverter**!**
(excluding Fronius IG TL, Fronius Agilo)

/ …has an open interface for transferring live values via the **JSON protocol** (through the Ethernet interface)

/ …has **4 digital inputs/outputs and 6 digital inputs** for the Power Control function and energy management

The PV system data can be accessed from any device with an Internet connection.
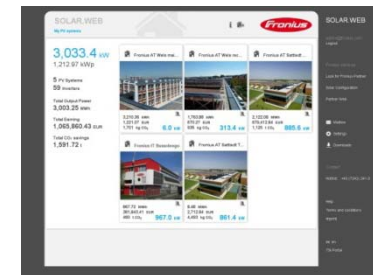
COMPREHENSIVE DATA COMMUNICATION

/ The Fronius Datamanager connects the inverter to the Internet, which allows the PV system to be accessed from any device with an Internet connection.

/ The Internet connection enables a wide range of monitoring and visualisation applications to be used.

Cutting-edge monitoring and visualisation applications.

MODERN MONITORING AND VISUALISATION

/ Fronius Datamanager sends the PV system data to the Fronius Solar.web server - simple monitoring and visualisation guaranteed.

/ System monitoring using Fronius Solar.web causes no yield losses. E-mail, SMS or fax notifications in the event of problems.

/ Fronius backs up the PV system data.

Fronius Solar.web

MODERN MONITORING AND VISUALISATION

/ Attractive "Personal Display" with the Fronius Solar.web App on smartphone or tablet (iOS and Android).

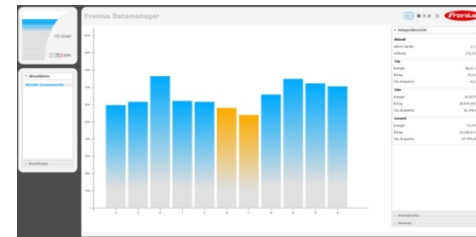/ Modern Public Display function using Fronius Solar.TV.

Fronius Solar.TV   Fronius Solar.web App

Fronius International GmbH / Fronius Datamanager

Dedicated website using integrated web server.

INTEGRATED WEB SERVER

/ Simple system monitoring on the dedicated Fronius
Datamanager website - wherever you are.

/ The website also enables the Fronius Datamanager
to be configured very easily.

Unbeatable installation simplicity - no additional box or tangled cables thanks to WLAN.

EASY INSTALLATION AND WLAN

/ As the Fronius Datamanager is integrated into the inverter there is no additional box to install, saving you time and money!

/ WLAN completely eradicates the need for any fixed cabling to the local Internet connection (router), which simplifies the installation process.

/ The Fronius Datamanager is available with both WLAN and LAN - either a wired or wireless Internet connection is possible.

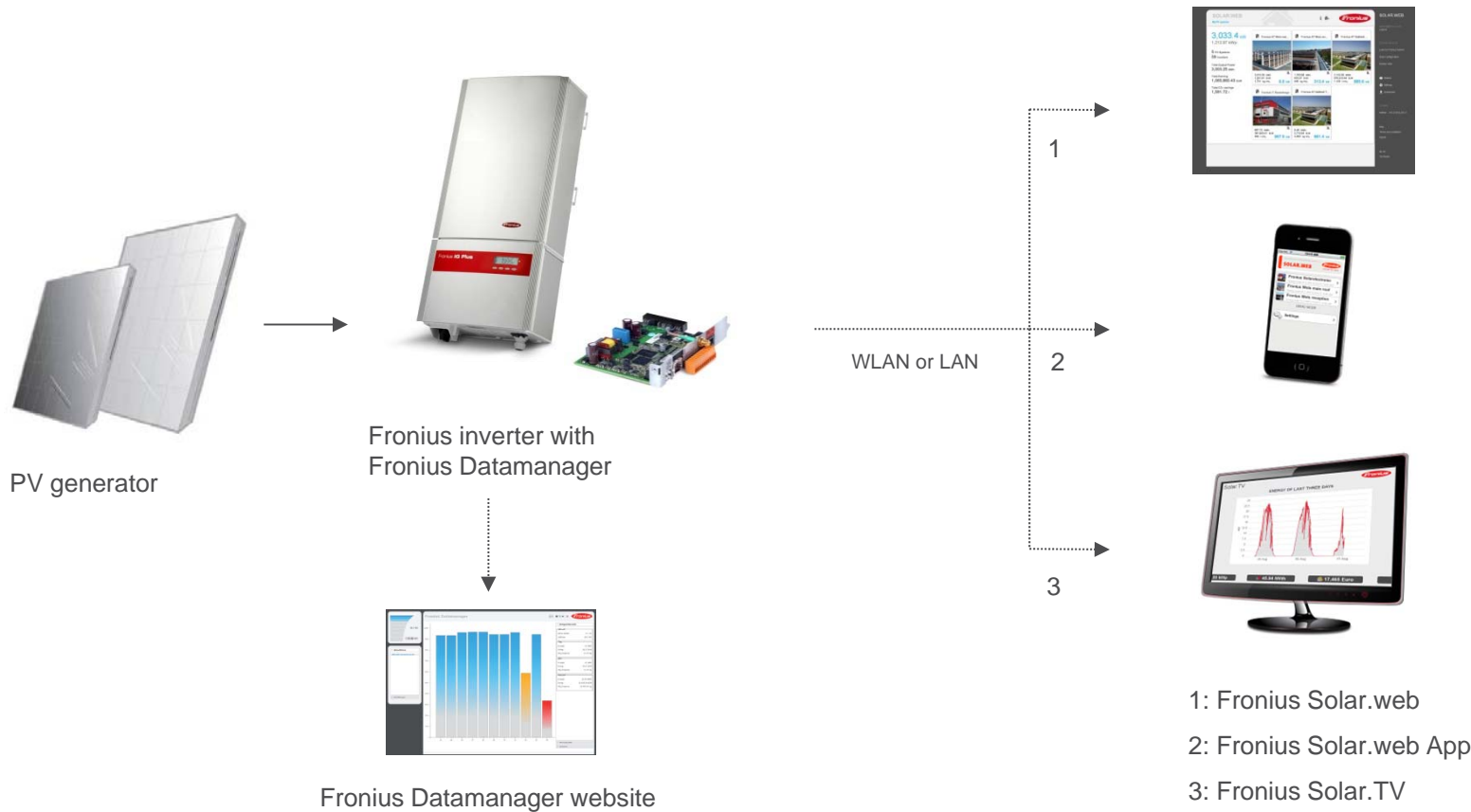# Expert technical support from Fronius and the Fronius Service Partners!

EXPERT TECHNICAL SUPPORT

/ Technical support from Fronius and the Fronius Service Partners as the Fronius Datamanager connects the inverter to the Internet.

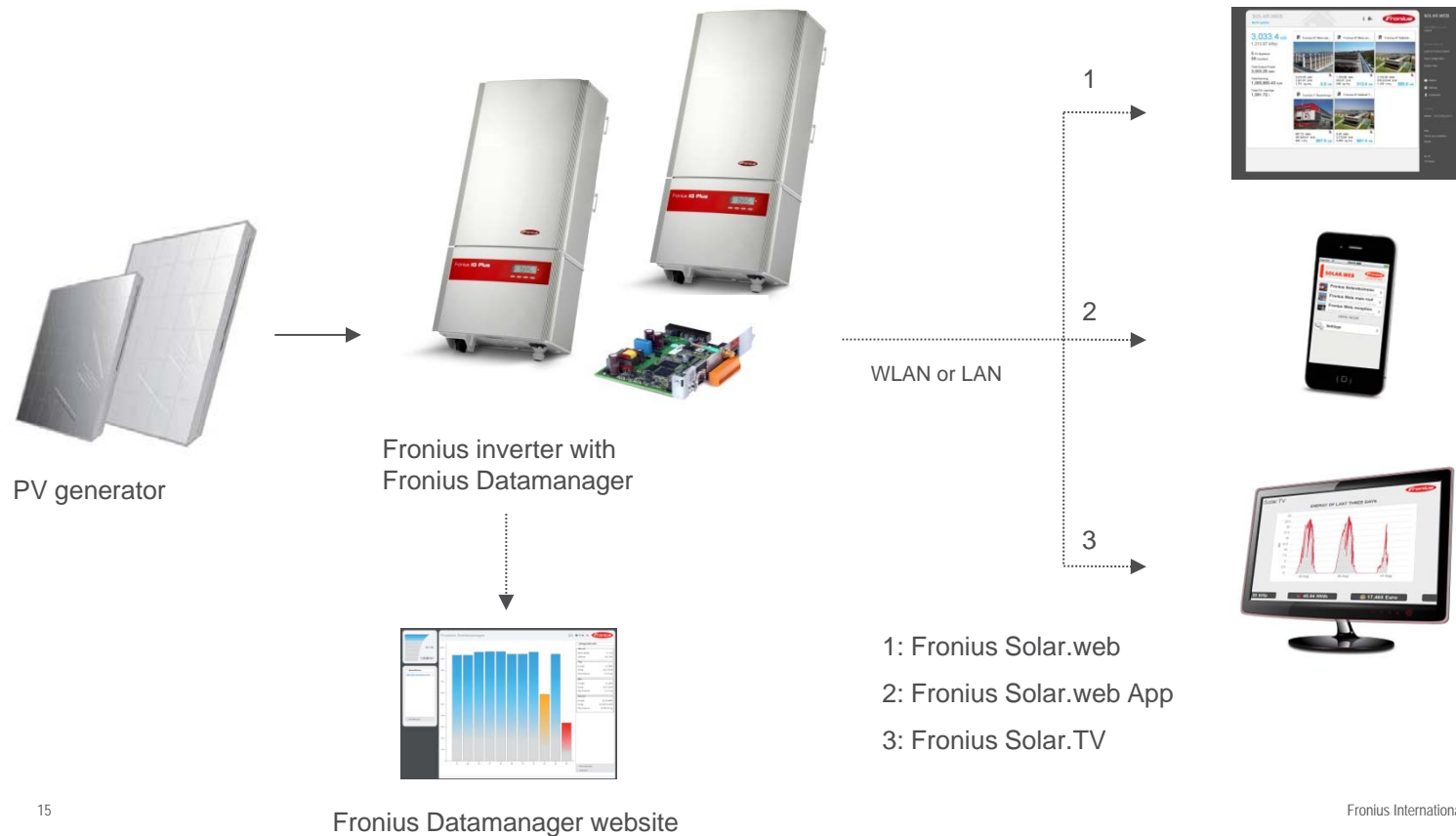/ The Internet connection makes remote monitoring possible in the event of faults.

FRONIUS DATAMANAGER CONFIGURATION DIAGRAM

/ Using the Fronius Datamanager with a Fronius inverter

PV generator

Fronius inverter with
Fronius Datamanager

WLAN or LAN

1

2

3

Fronius Datamanager website

1: Fronius Solar.web

2: Fronius Solar.web App

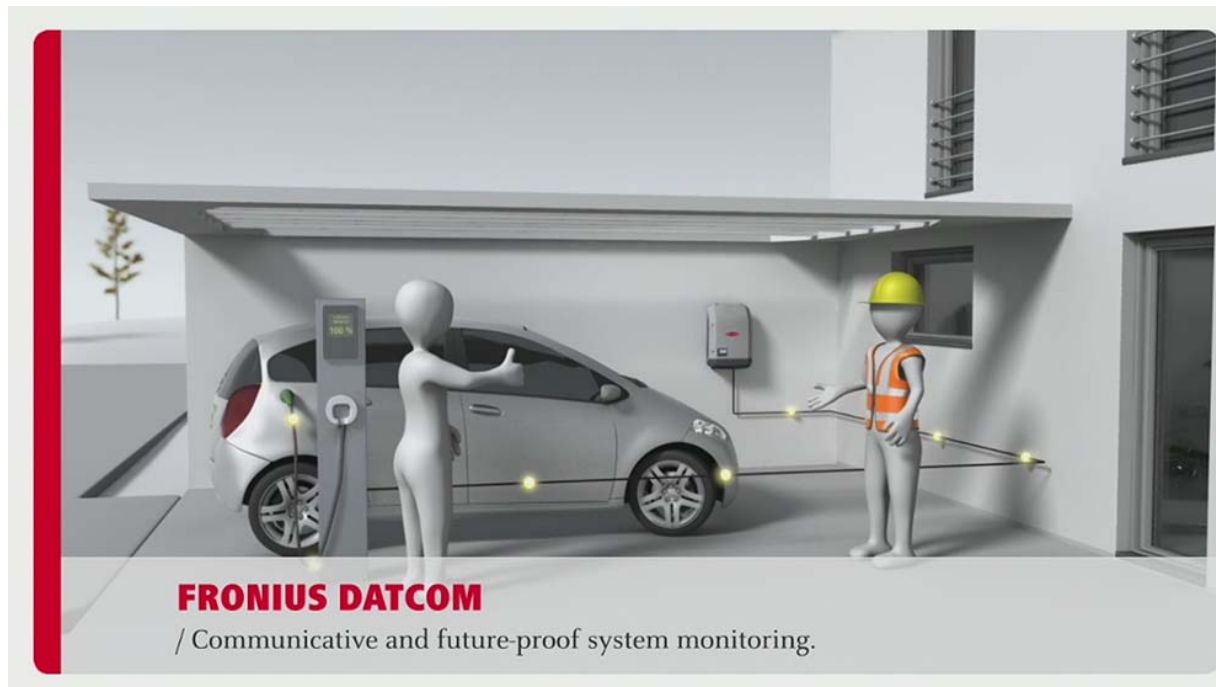3: Fronius Solar.TV

FRONIUS DATAMANAGER CONFIGURATION DIAGRAM

/ Using the Fronius Datamanager in the Fronius Solar Net ring

/ Just one Fronius Datamanager required for a ring **of up to 100 inverters.** The other inverters
  will be equipped with a Fronius Com Card.

PV generator

Fronius inverter with
Fronius Datamanager

WLAN or LAN

1

2

3

1: Fronius Solar.web

2: Fronius Solar.web App

3: Fronius Solar.TV

Fronius Datamanager website

TECHNICAL DATA FRONIUS DATAMANAGER

TECHNICAL DATA	
Storage capacity	max. 4096 days
Supply voltage	230V AC (+10 % / -15 %) Power supply via AC in the Fronius inverter
Self-consumption	2.2 W (with WLAN) 1.4 W (without WLAN)
Dimensions	132 x 103 x 22 mm
Ambient temperature range	-20 to +65 °C
Ethernet (RJ45 socket)	LAN, 100 MBit / JSON interface
RS-422 (RJ45 socket)	Fronius Solar.Net IN
WLAN	Wireless standard 802.11 b/g
4 digital inputs or outputs	Interface to ripple control receiver / energy management
6 digital inputs	Interface to ripple control receiver

FRONIUS DATCOM – COMMUNICATIVE AND FUTURE-PROOF SYSTEM MONITORING

SHIFTING THE LIMITS