

Key features:

- ▶ Advanced Remote App Platform.
- ▶ User Platform with powerful tools to manage and administrate Laboratories online.
- ▶ EDIBON Units can be operated anywhere and anytime.
- ▶ Several Users can work with one Unit or one user with several Units.
- ▶ Storage & Access to Data in the Cloud.
- ▶ Collaboration with user communities worldwide via EDIBON Chats & Forums.
- ▶ User registration and self-registration in the Cloud.
- ▶ Monitoring of user tasks and progress.
- ▶ Suggestions and points of view of EDIBON Units.
- ▶ Exchange of experiences with EDIBON Units
- ▶ Available live EDIBON Webinars.
- ▶ Available EDIBON Tutorials & Webinars at any time.
- ▶ Support from EDIBON Engineers.
- ▶ Compatible with multiple devices and OS.
- ▶ No software installation required.



ISO 9001: Quality Management
(for Design, Manufacturing,
Commercialization and After-sales service)



European Union Certificate
(total safety)



Certificates ISO 14001 and
ECO-Management and Audit Scheme
(environmental management)



Worlddidac Quality Charter
Certificate and
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Cloud Computing provides information, shared resources, storage and software services supported by a network (usually Internet).

The main advantages of this technology are:

- ✓  **Reliability:** Centralized and efficient system.
- ✓  **Security and Privacy:** Restricted Access and Confidentiality.
- ✓  **Flexibility:** Location and Device independence.
- ✓  **Cost Reduction & Time Saving:** Simultaneity. Multiple users can work at the same time.

GENERAL DESCRIPTION

EDIBON Cloud Learning is a Cloud Computing solution designed to control EDIBON Technology based Laboratories remotely in a simple and easy way.

EDIBON Cloud Learning is divided in two platforms:

- Users Online Platform

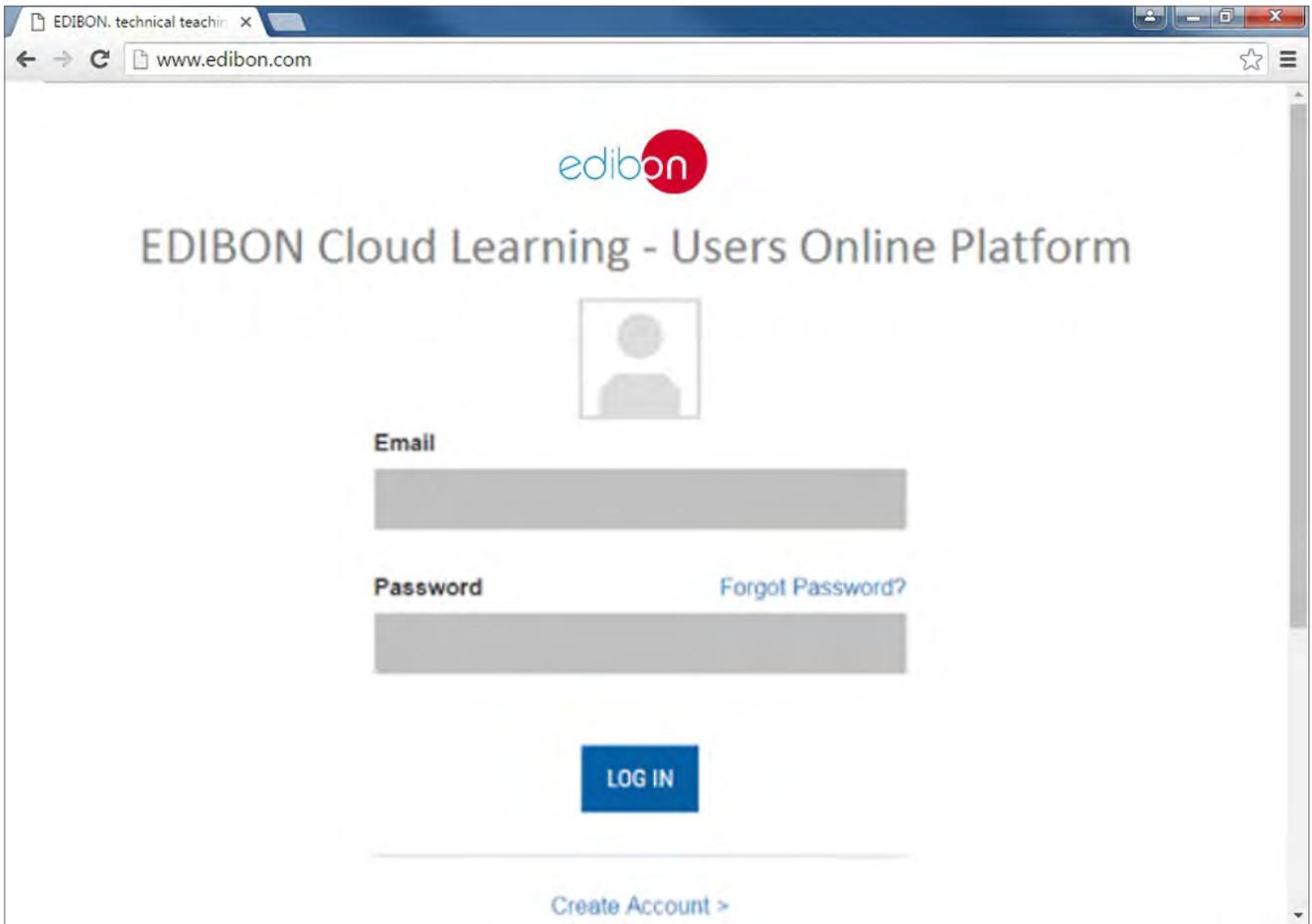
The main advantages of the Users Online Platform are:

-  The **administrators** have full control over their Laboratories thanks to the powerful Class-Administrator Tool that allows the users management, logs visualization and progression monitoring. It also enables to assign users permissions to let them control EDIBON Units or just display them. Furthermore, the administrator can upload & download Measurements, data and Multimedia resources.
-  The **users** can learn interactively in a flexible environment as if they were in the Laboratory, accessing through the Remote App to work with EDIBON Units. Several users can work with one unit or one user with several units. The users can also Upload and Download Measurements, data and graphs, Multimedia resources and Reports.

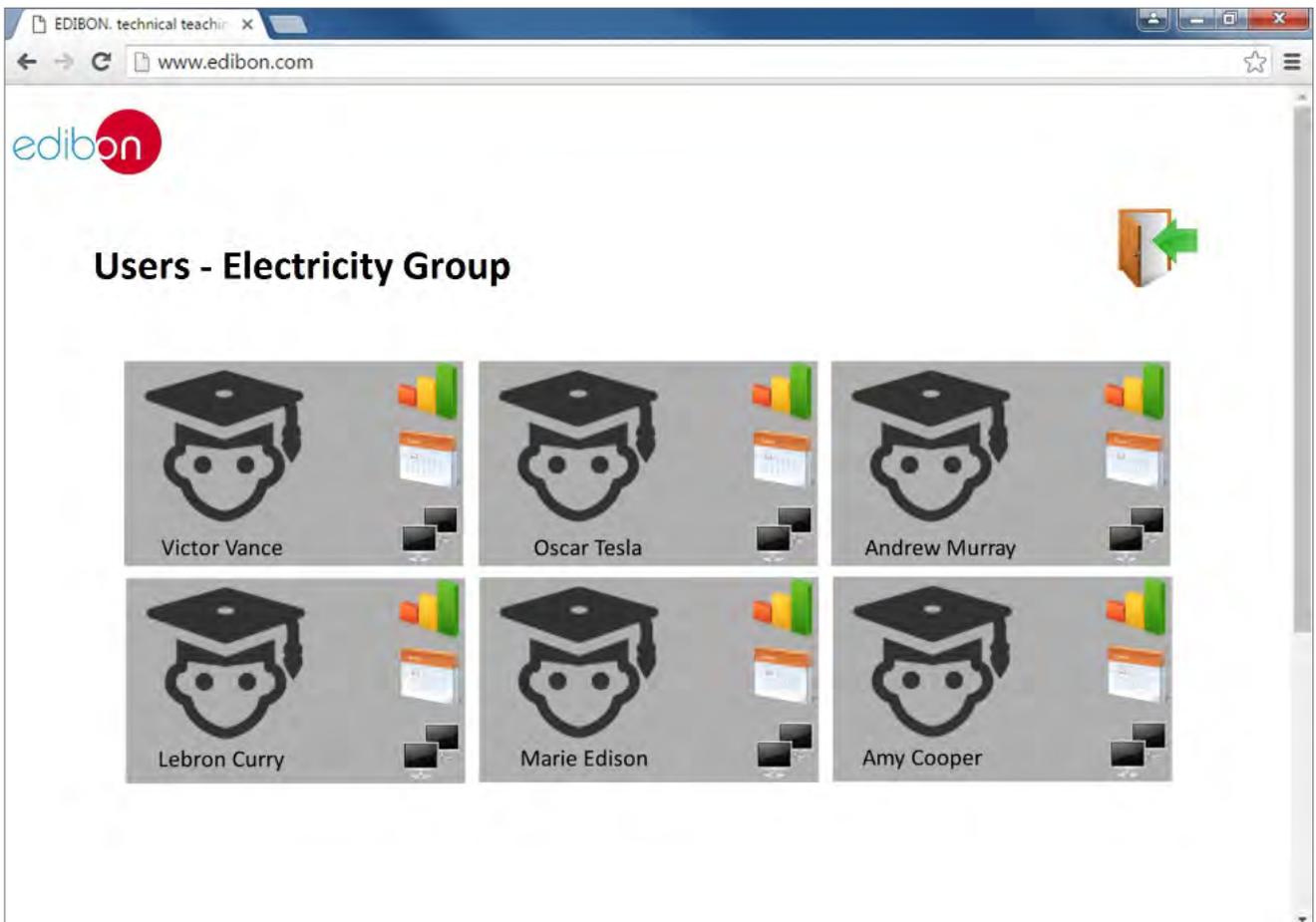
- Remote App Platform

Thanks to the Remote App Platform, the users can control EDIBON Units & EDIBON SCADA Software as if they were in the laboratory and share their expertise with the Users Community.

Users Online Platform – Main screen



Users Online Platform – Users Results



Users Online Platform – Users tasks screen

Users

Philip J. Fry

WEEKS: 1 2 3 4 5 6 7 8 9 10 21 22 23

EESFC - TASK 1

- Round Exercises 1: 57% complete
- Round Exercises 2: 75% complete
- Round Exercises 3: 67% complete
- Final Project: 50% complete

EESFC - TASK 2

- Round Exercises 1: 0% complete
- Round Exercises 2: 0% complete
- Round Exercises 3: 0% complete

TODAY

Users Online Platform – Results

Users - Results

WORKGROUP 1 | ALL STUDENTS

STUDENT ID	E-MAIL	WORKGROUP	UNIT/TASK	DATE & HOUR	RESULT NAME	RESULT TYPE	RIGHT QUESTIONS	SCORE (%)
0	edibon@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:40:26 08/04/2016	n1_PE_n1-2_AEL-IV	Training Test	3 of 6	50.00
0	edibon@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:41:13 08/04/2016	n1_PE_n1-2_AEL-IV	Training Test	5 of 6	83.33
0	edibon@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:41:36 08/04/2016	n1_PE_n1-2_AEL-IV	Training Test	6 of 6	100.00
1	tesla@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:00:24 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	4 of 6	66.67
1	tesla@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:02:34 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	3 of 6	50.00
1	tesla@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:04:03 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	6 of 6	100.00
2	vance@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:00:24 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	4 of 6	66.67
2	vance@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:01:07 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	4 of 6	66.67
2	vance@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:01:51 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	3 of 6	50.00
2	vance@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:02:34 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	3 of 6	50.00
2	vance@edibon.com	WORKGROUP 1	EESFC/TASK 2	09:04:03 22/03/2016	n1_PE_n1-2_AEL-IV	Training Test	6 of 6	100.00

Remote App – EDIBON SCADA Software

The screenshot displays the EDIBON SCADA software interface for a 'COMPUTER CONTROLLED PHOTOVOLTAIC SOLAR ENERGY UNIT'. The interface is divided into several sections:

- SCADA Control Panel:** Includes buttons for CALIBRATE, START, STOP, VIEW DATA, SAVE DATA, and QUIT.
- Schematic Diagram:** Shows the electrical layout of the solar energy unit, including solar panels (SOLAR CELL 1, 2, 3), a regulator, inverters (INV 1, 2, 3), batteries, and various sensors (ST-1, ST-2, ST-3, SR1, I_DC, I_AC, SW DC-1, SW AC-1).
- Sensors Panel:** Displays real-time data for analog sensors:

ST-1	27,1	°C
ST-2	27,1	°C
ST-3	27,4	°C
SR1	4,87	W/m2
I_DC	0,138	Amperes
I_AC	0,00	Amperes
SW DC-1	2,83	W
V_DC	20,5	Volts
V_AC	226	Volts
SW AC-1	0,0	W
- Sensor Plot:** A graph showing V_DC (Y-axis, 0 to 45) versus I_DC (X-axis, 0 to 3). The plot shows a characteristic solar cell curve with a sharp drop in voltage as current increases.
- Actuators Panel:** Shows controls for actuators like FAN and MEAS, along with a SUN-1(%) dial and a photo of the physical unit.

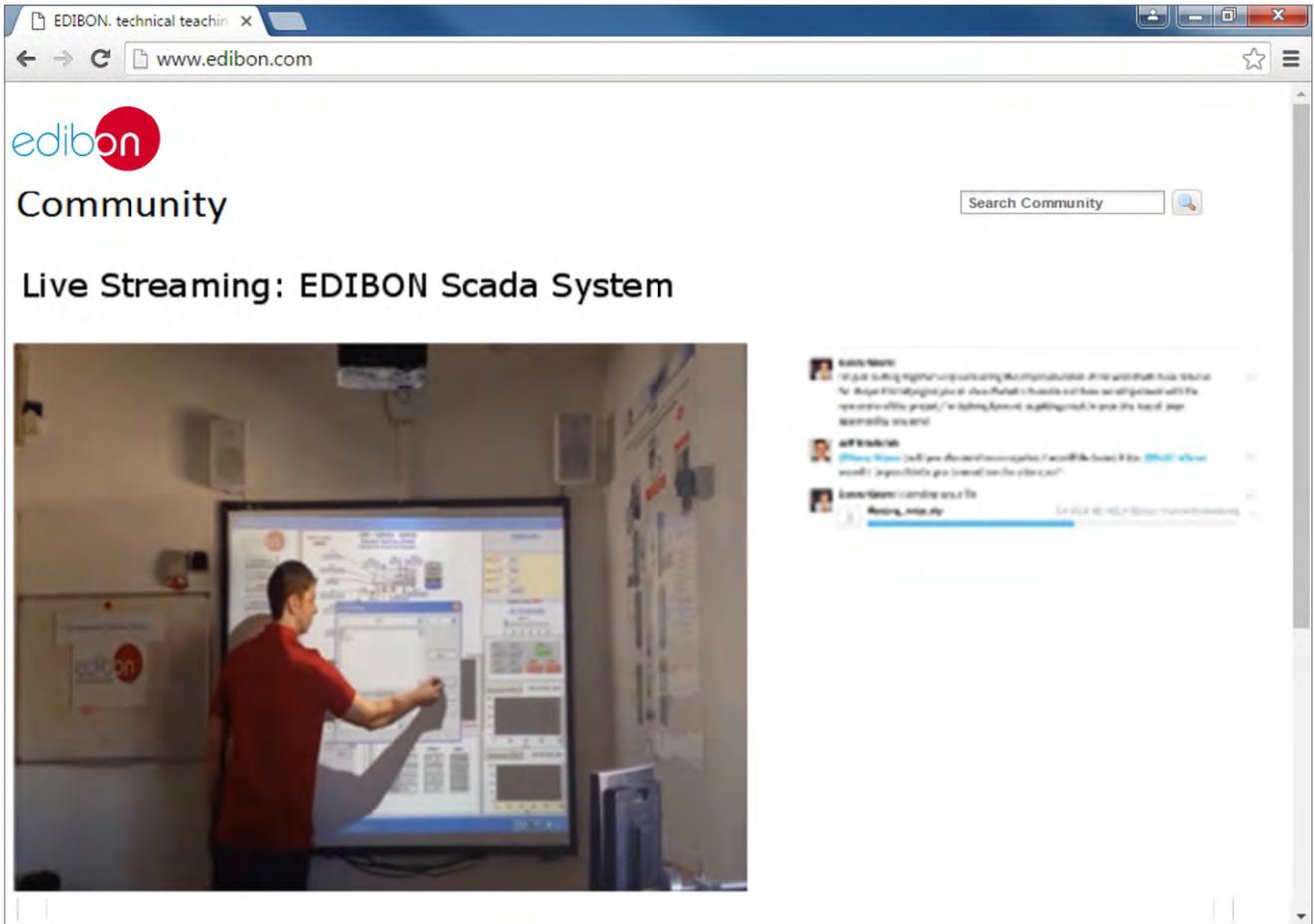
Remote App – EDIBON Unit



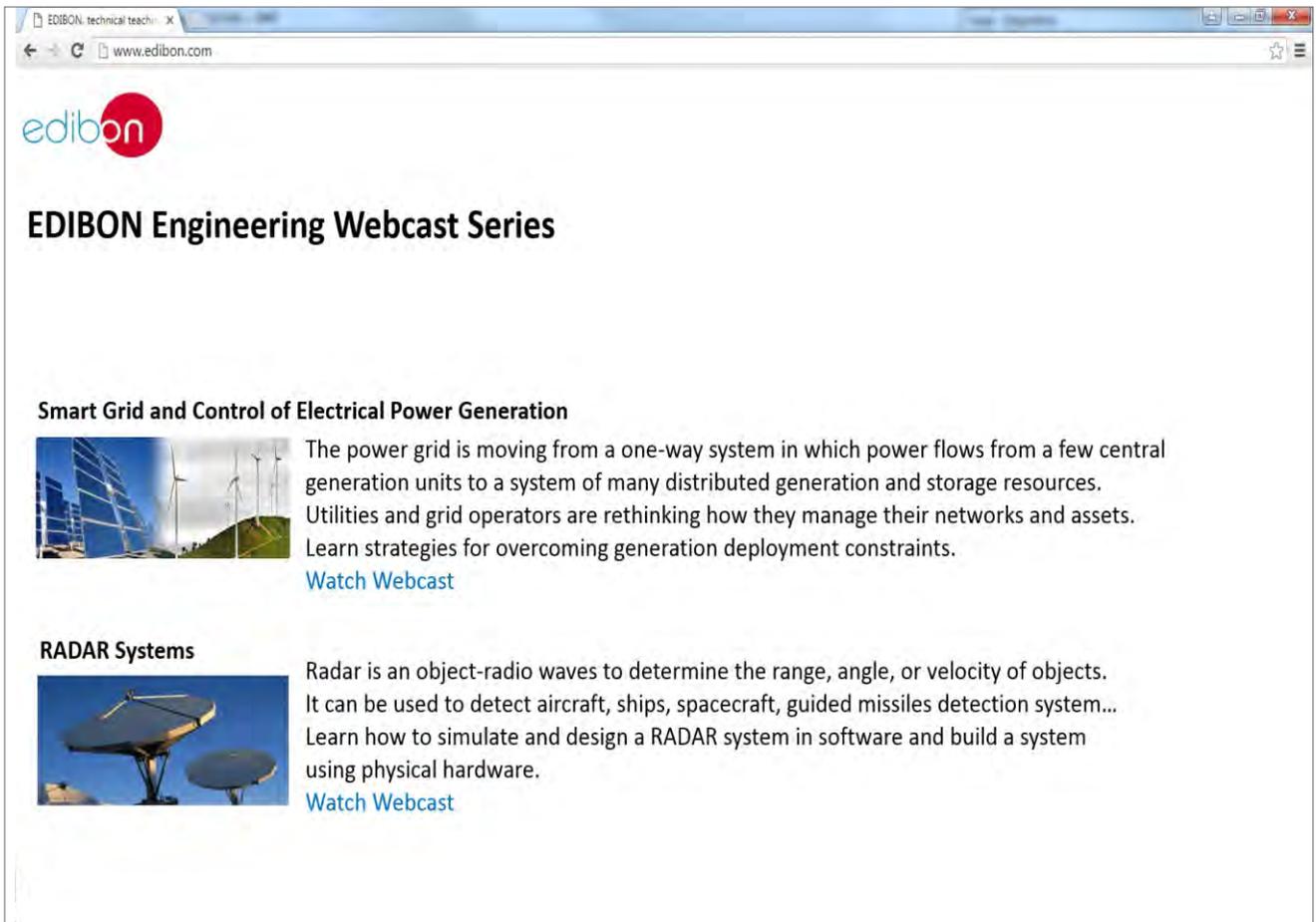
Remote App - Save & Load Data from any device



Remote App – Live Streaming & EDIBON Chat



Remote App – EDIBON Webcast Series



Remote App – Share your expertise

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WELCOME TO EDIBON CLOUD COMMUNITY

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Remote App – A worldwide community

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Community

EESFC. Ideas Exchange Group

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Renewable Energies

Philips J. Fry

Contact

All (by popularity) ▾

Contributions

Top 10% contributor

12 Contributions



EESFC

★★★★★ 3926 downloads
2 years ago



EESTC

★★★★★ 8871 views
Responded 2 years ago



EEEC

★★★★★ 803 downloads
2 years ago

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TECHNICAL SUPPORT

SUPPORT ▾

POPULAR SUPPORT PAGES

Software

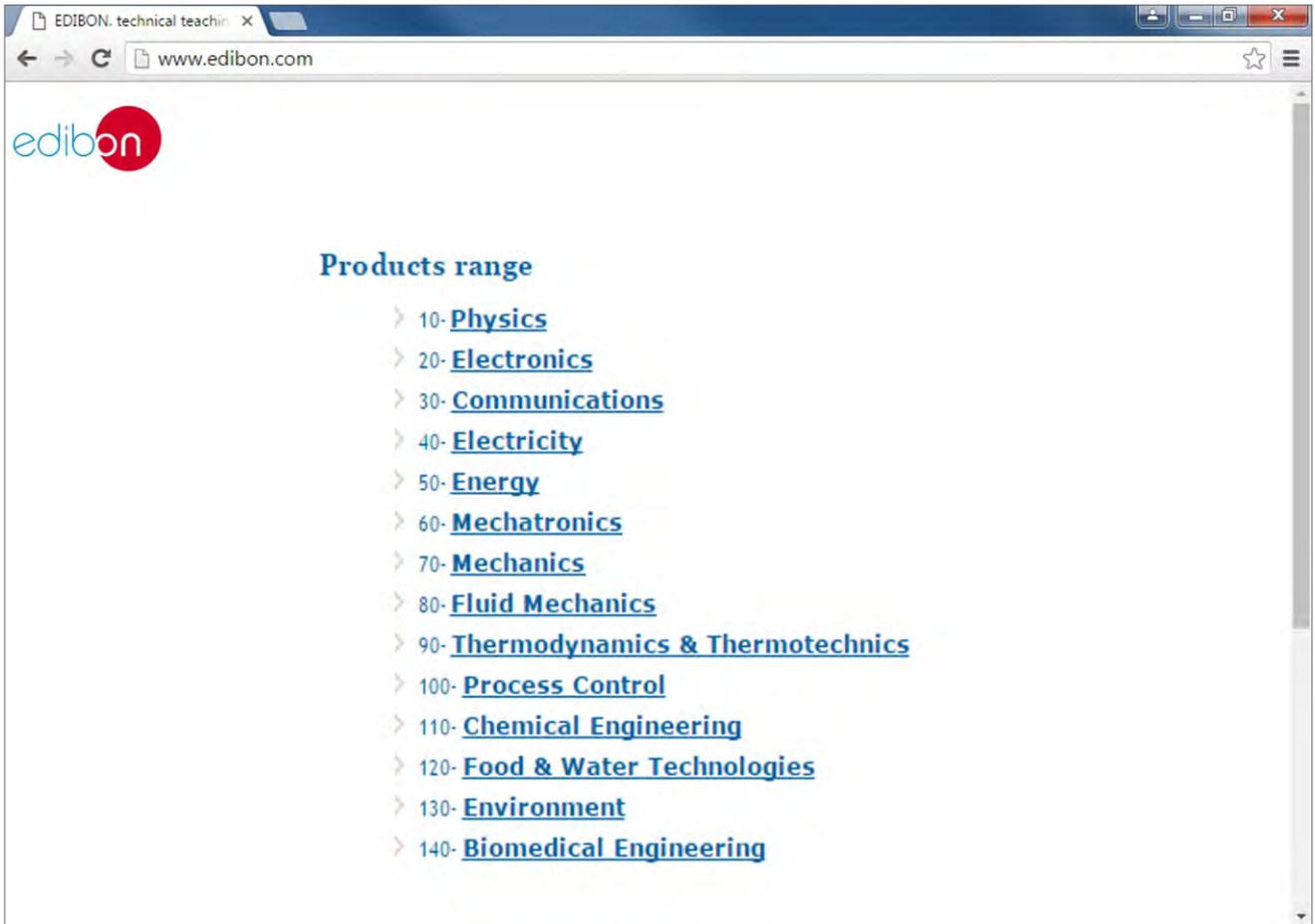
- ICAI, Interactive Computer Aided Instruction Software System)
- ECL, EDIBON Cloud Learning

Units

- MUAD
- FME03
- TGFAC
- EANC
- AEL-IMSU
- AEL-AD3A

edibon INTERNATIONAL

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*Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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REPRESENTATIVE:

A large, empty rectangular box with a light blue border, intended for a representative's signature or name.