1. ABOUT EDIBON.

2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS.

3. ECL. EDIBON CLOUD LEARNING: DESCRIPTION.

4. ECL. EDIBON CLOUD LEARNING: PLATFORM.

5. TECHNICAL TEACHING SOLUTION BY USING ECL. EDIBON CLOUD LEARNING.

6. EDIBON UNITS CAN USE, ECL. EDIBON CLOUD LEARNING.

7. LIVE DEMONSTRATION FOR, ECL. EDIBON CLOUD LEARNING.

8. QUESTIONS AND ANSWERS.
Training future engineers since 1978

WHO IS EDIBON?

EDIBON designs and manufactures Technical Teaching and Research Equipment in the field of Engineering, with the most Advanced and Modern Technology and with optimized instructive techniques, during more than 40 years for, applied to Higher Education, Technical and Vocational Education and Secondary Education. We offer more than 4,000 different Teaching and Research Units and Systems, plus more than 12,000 Units Expansions in 14 technical education areas.

WHAT WE DO?

OWN UNITS DESIGN

Due to our 100% OWN DESIGN, we are continuously improving and designing new units.

OWN Units Design

OWN Manufacturing

OWN Quality Control

Installation and Training

After-sales Service
EDIBON designs and manufactures Technical Teaching and Research Equipment in the field of Engineering, with the most Advanced and Modern Technology and with optimized instructive techniques, during more than 40 years for, applied to Higher Education, Technical and Vocational Education and Secondary Education. We offer more than 4,000 different Teaching and Research Units and Systems, plus more than 12,000 Units Expansions in 14 technical education areas.

**Training future engineers since 1978**

**WHO IS EDIBON?**

**WHAT WE DO?**

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WHAT WE DO?

OWN QUALITY CONTROL

Very strict Quality Control mainly automatic for all our units, interfaces, components and software packages.
Training future engineers since 1978

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WHAT WE DO?

Installation and Training

EDIBON Engineers and/or our representatives’ skilled Engineers may always perform a Commissioning and Training for our units to our customers.
1. ABOUT EDIBON

1.1. Who is EDIBON?
1.2. What we do?
1.3. A little more about EDIBON
1.4. Engineering areas we are working on

Training future engineers since 1978

WHO IS EDIBON?

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WHAT WE DO?

AFTER-SALES SERVICE

- Five-year Warranty.
- Quick response.
- Immediate Remote Assistance for SCADA units.
- 15-years spare parts supply guarantee.

OWN Units Design
OWN Manufacturing
OWN Quality Control
Installation and Training
After-sales Service

Innovative Engineering for Technical Teaching and Research Equipment
1. ABOUT EDIBON

1.1. Who is EDIBON?

1.2. What we do?

1.3. A little more about EDIBON

1.4. Engineering areas we are working on

More about EDIBON

9 Lines of Business

OUR MARKET

Construction of Buildings for Technical Education

Technical Education Consultancy

Technical Courses

Custom-Made: Units and Pilot Plants

Technical Distance Learning (ECL)

Technical Education Turnkey Projects (TKP)

Projects

Complete Laboratories

Day by Day

Some of our Customer and Partners

Thousands customers in more than 150 countries.

Quality Certificates

Main Certificates

Other Certificates
1. ABOUT EDIBON

1.1. Who is EDIBON?
1.2. What we do?
1.3. A little more about EDIBON
1.4. Engineering areas we are working on

All EDIBON more than 16,000 products range, are distributed in the following 14 Technical areas:

1. PHYSICS
2. ELECTRONICS
3. COMMUNICATIONS
4. ELECTRICITY
5. ENERGY
6. MECHATRONICS, AUTOMATION & COMPUMECHATRONICS
7. MECHANICS
8. FLUID MECHANICS
9. THERMODYNAMICS & THERMOTECHNICS
10. PROCESS CONTROL
11. CHEMICAL ENGINEERING
12. FOOD & WATER TECHNOLOGIES
13. ENVIRONMENT
14. BIOMEDICAL ENGINEERING

Training future engineers since 1978
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

The basis of EDIBON technology is our "SCADA" system

EDIBON has designed more than 1,000 SCADA units since 1988 and we update daily.

We use SCADA whenever the unitary process can accept SCADA.

We are the only company in the world that has introduced it in our training and research units, offering this multiple advantages to users.

EDIBON is pioneer designing «Open SCADA» for most industrial process applications. The open SCADA allow the students to understand EASILY the SCADA inside.

Our SCADA’s will allow you to save time and increase efficiency during training.
The basis of EDIBON technology is our "SCADA" system

1. UNIT
The unit is an industrial one scaling down, allocating the components easy to identify and fully protected.

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The basis of EDIBON technology is our “SCADA” system

2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

2.1. SCADA and Computer controlled Technology
2.2. SCADA technology innovative features
2.3. EDIBON SCADA and any SCADA unit expansions

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Our SCADA’s will allow you to save time and increase efficiency during training.

2. SENSORS/ACTUATORS

Most of used sensors are available in the market, “others we design”. We use many types of sensors depending on the unitary processes, level of complexity, its purpose and with linear or not linear correlation of process requirements. Example: temperature, pressure, flow, speed, etc.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

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2.1. SCADA and Computer controlled Technology

2.2. SCADA technology innovative features

2.3. EDIBON SCADA and any SCADA unit expansions

3. CONTROL INTERFACE

“We use our own controllers” inside all interfaces and allow to “open” the control used in any unitary processes (units). For using and manipulating the sensors signals properly, we eliminate noises and any kind of interference. We process and manipulate the signals properly, all elements have same position as in process diagram.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

The basis of EDIBON technology is our "SCADA" system

EDIBON has designed more than 1,000 SCADA units since 1988 and we update daily.

We use SCADA whenever the unitary process can accept SCADA.

We are the only company in the world that has introduced it in our training and research units, offering this multiple advantages to users.

EDIBON is pioneer designing "Open SCADA" for most industrial process applications. The open SCADA allow the students to understand EASILY the SCADA inside.

Our SCADA's will allow you to save time and increase efficiency during training.

4. SOFTWARE

Composed by 42 packages:
- SUPERVISORY SOFTWARE. Packages 8 off.
- CONTROL SOFTWARE. Packages 9 off.
- DATA ACQUISITION SOFTWARE. Packages 14 off.
- DATA MANAGEMENT SOFTWARE. Packages 11 off.

ALL our software can be supplied in any LANGUAGE.
The basis of EDIBON technology is our "SCADA" system

EDIBON has designed more than 1,000 SCADA units since 1988 and we update daily.

We use SCADA whenever the unitary process can accept SCADA.

We are the only company in the world that has introduced it in our training and research units, offering this multiple advantages to users.

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2.2. SCADA technology innovative features
2.3. EDIBON SCADA and any SCADA unit expansions

5. DAB AND PC
The DATA ACQUISITION BOARD (DAB) supplied with the unit is powerful one (250 KS/s data/second) and very fast. The DAB supplied can be used for any other customer application.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

• Advanced Real-Time SCADA.
• Open Control + Multicontrol + Real-Time Control.
• It includes 42 specialized EDIBON own software packages based on LabVIEW™ for:
  • Supervisory of the system and the process variables, Manual and/or Automatic Control of the system.
  • Data Acquisition with Accurate and quick response of the system.
  • Data Management with system variables representation by means of engineering & science unit systems.
  • Calculation of system state indicative magnitudes.
  • Graphic Representation of signals and variables of the system
  • Events, alarms and system data recording and other features.
• National Instruments Data Acquisition board (250 KS/s, kilo samples per second).
• Sensors calibration exercises, included for students and teachers.
• Capable of doing Applied Research, Real Industrial Simulation, Training Courses, etc.
• Remote operation and control by the user and remote control for EDIBON technical support.
• Totally safe, utilizing 4 safety systems (Mechanical, Electrical, Electronic & Software Systems).
• Designed and manufactured under several quality standards.
• Advanced Control Box with electrical and electronics protections, data signal converters and industrial controllers.
• More than Advanced expansions available as: PLC, ECL, FSS, ECR, PLC-HMI, ICAI, EMSK, ESN, ELK, EMAK, etc.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:

**INDUSTRIAL EXPANSIONS**
- **PLC**: PLC Industrial Process Control
- **FSS**: Faults Simulation System
- **ECR**: EDIBON Industrial Modular System with NI CompactRIO
- **PLCHMI**: IIoT local/remote Control and Monitoring with HMI

**PEDAGOGICAL EXPANSIONS**
- **ICAI**: Interactive Computer Aided Instruction Software System
- **EMSK**: EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**
- **EWB**: Touch Screen
- **MINI ESN**: EDIBON Mini Scada-Net
- **ESN**: EDIBON Scada-Net
- **ECL**: EDIBON Cloud Learning

**ADVANCED RESEARCH EXPANSIONS**
- **ELK**: EDIBON Software Development KIT, Powered by NI LabVIEW™
- **EMAK**: EDIBON Matlab Kit
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:

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**INDUSTRIAL EXPANSIONS**

**FSS** Faults Simulation System

**ECR** EDIBON Industrial Modular System with NI CompactRIO

**PLCHMI** IIoT local/remote Control and Monitoring with HMI

**PEDAGOGICAL EXPANSIONS**

**EMSK** EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**

**ESN** EDIBON Scada-Net

**ADVANCED RESEARCH EXPANSIONS**

**MINI ESN** EDIBON Mini Scada-Net

**EMAK** EDIBON Matlab Kit

**ECL** EDIBON Cloud Learning

**PLCHMI** IIoT local/remote Control and Monitoring with HMI

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**PLC. PLC Industrial Process Control.** SCADA + PLC is an EDIBON Real Industrial Technology System used widely in many kind of industries, and many processes when you manufacture final products consisting of repetitive tasks.

**PLC: Programmable Logic Controller**
FSS. Faults Simulation System. This software allows the students to find out the faults related to ON/OFF faults and SCADA Faults (minimum 42 faults, at least one per software package supplied) and PID Control Faults.

Innovative Engineering for Technical Teaching and Research Equipment
ECR. EDIBON Industrial Modular System with NI CompactRIO. ECR is Ideal for industry 4.0 and Internet of things:

- Monitoring and Control applications.
- The ECR works in automatic way.
- These are an ideal SCADA expansions for demonstrating in processes for manufacturing some products that require RELIABILITY and minimising the LOCKS in delicate manufacturing processes. (DETERMINISTER).
- This ECR expansion is very useful for R&D due to powerful processes analysis capacity good monitoring capacity etc. In so many processes.

All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:

**INDUSTRIAL EXPANSIONS**
- ECR EDIBON Industrial Modular System with NI CompactRIO
- FSS Faults Simulation System
- EMBK EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**PEDAGOGICAL EXPANSIONS**
- MINI ESN EDIBON Mini Scada-Net
- EMSK EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**
- ECL EDIBON Cloud Learning
- ESN EDIBON Scada-Net

**ADVANCED RESEARCH EXPANSIONS**
- EMAK EDIBON Matlab Kit
- MINI ESN EDIBON Mini Scada-Net
- ELK EDIBON Software Development KIT, Powered by NI LabVIEW™

**PLCHMI. IloT local/remote Control and Monitoring with HMI.** PLCs, in many applications, are supplied with the HMI (Human Machine Interface) with the purpose of monitoring and control the industrial process locally.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

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**PEDAGOGICAL EXPANSIONS**

- EMSK EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**

- MINI ESN EDIBON Mini Scada-Net
- ESN EDIBON Scada-Net
- ECL EDIBON Cloud Learning

**ADVANCED RESEARCH EXPANSIONS**

- MINI ESN EDIBON Mini Scada-Net
- ESN EDIBON Scada-Net
- ECL EDIBON Cloud Learning

**ICAI. Interactive Computer Aided Instruction Software System.** The ICAI is formal for 3 software packages: Teacher software, student software, unit software for any particular EDIBON unit. Some brief possibilities are:

- **Teacher** Soft for controlling the complete classroom by the teacher.
- **Student/Unit** Soft related with any particular unit.
- **Calculation** Software.
- **Graphics and Trends** Software.
- **Class Management** Software.
- **Practices, Exercises, Evaluation** Software.
- **Test Evaluation** Software.
- **Multimedia** Software.
- **Edited Custom Made** Software.
- **Aided Evaluation by Teacher and Student** Software.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:

**INDUSTRIAL EXPANSIONS**

- PLC
  - PLC Industrial Process Control

- ECR
  - EDIBON Industrial Modular System with NI CompactRIO

- PLCHMI
  - IIoT local/remote Control and Monitoring with HMI

**PEDAGOGICAL EXPANSIONS**

**EMSK**

EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**

- MINI ESN
  - EDIBON Mini Scada-Net

**ADVANCED RESEARCH EXPANSIONS**

- EMAK
  - EDIBON Matlab Kit

**EMSK. EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™.** Offers a complete solution to create, test and analyze your own electronic and electrical circuit designs.
All EDIBON Teaching and Research units using SCADA can be expanded at any time using the 12 following SCADA expansions. The client using EDIBON Technology can do much more practices and increasing the knowledge in different fields, in accordance with Industry requirements as follow:

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- PLC: PLC Industrial Process Control
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**PEDAGOGICAL EXPANSIONS**
- ICAI: Interactive Computer Aided Instruction Software System
- EMSK: EDIBON Development KIT for Circuits Simulation, Powered by NI LabVIEW™

**MULTIPOST EXPANSIONS**
- EWB: Touch Screen
- MINI ESN: EDIBON Mini Scada-Net
- ECL: EDIBON Cloud Learning

**ADVANCED RESEARCH EXPANSIONS**
- ELK: EDIBON Software Development KIT, Powered by NI LabVIEW™
- EMAK: EDIBON Matlab Kit

**ESN. EDIBON Scada-Net.** All EDIBON SCADA’s, all SCADA computers, all students computers and the local network are linked, allowing many students to work at the same time and in the same place, in a Classroom - Laboratory and with only **one teacher, allowing up to 30 students to work at same time.**
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

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**MULTIPOST EXPANSIONS**
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**ADVANCED RESEARCH EXPANSIONS**
- ELC: EDIBON Cloud Learning
- EWB: Touch Screen
- ICAI: Interactive Computer Aided Instruction Software System
- MINI ESN: EDIBON Mini Scada-Net
- ELK: EDIBON Software Development KIT, Powered by NI LabVIEW™
- EMAK: EDIBON Matlab Kit

**ECL. EDIBON Cloud Learning.** The ECL System, EDIBON Cloud Learning, allow that any student, from his school, his home or his mobile phone, and located in any city in his country, can do all practices with “ANY EDIBON SCADA unit and or "ANY SCADA EXPANSIONS”, with an unit located in other CITY IN THE COUNTRY. The practices that the student can do with EDIBON ECL are "EXACTLY THE SAME" as the ones he can do when the EDIBON unit is in front of him.
2. ECL. EDIBON CLOUD LEARNING: TECHNOLOGICAL REQUIREMENTS

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- ECL: EDIBON Cloud Learning

**ADVANCED RESEARCH EXPANSIONS**
- EMAK: EDIBON Matlab Kit

**ELK. EDIBON Software Development KIT, Powered by NI LabVIEW™.** It is a set of instructions and programs (VIs) addressed to users who need to get started in the fields of programming on LabVIEW™. The ELK is a powerful R&D tool that allow to change the ALGORITHM CONTROL to any EDIBON SCADA UNIT.
EMAK. **EDIBON Matlab Kit.** The combination of these software with EDIBON UNITS results in one of the most powerful learning tools in terms of the study, analysis, interpretation and modeling of real systems with Matlab language.

The EMAK is a powerful R&D tool that allow to change the **ALGORITHM CONTROL** to any EDIBON SCADA UNIT.
ECL allows to one or several EDIBON Teaching and Research Units in one place to be operated by one or several students from another place with some practices possibilities. The students can perform the practical exercises from three possible places:

- Another laboratory.
- Their home.
- Their mobile phone.

The researchers can perform with the same philosophy.
3. ECL. EDIBON CLOUD LEARNING: DESCRIPTION

3.1. EDIBON Technical Distance Learning. ECL. EDIBON CLOUD LEARNING
3.2. The Future: Cloud Computing
3.3. How ECL. EDIBON CLOUD LEARNING works?
3.4. What ECL. EDIBON CLOUD LEARNING can provide?
3.5. Why ECL. EDIBON CLOUD LEARNING?
3.6. Clarifications about E-learning and ECL. EDIBON CLOUD LEARNING /Technical Distance Learning.

We use the cloud

- Security
- Information
- Identity
- Communication
- Software
- Storage
- Database

Innovative Engineering for Technical Teaching and Research Equipment
EDIBON Cloud Learning is a Cloud Computing solution designed to control remotely EDIBON Technology when you use SCADA and/or SCADA Expansions units.

3. ECL. EDIBON CLOUD LEARNING: DESCRIPTION

3.1. EDIBON Technical Distance Learning.
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Cloud Computing provides information, shared resources, storage and software, services supported by a network (usually Internet).

- **Flexibility**
  - Location and Device Independence.

- **Security and Privacy**
  - Restricted access and confidentiality.

- **Reliability**
  - Clouds are centralized systems: More stable and easier to keep in operation.

- **Cost reduction & time saving**
  - Multiple users working simultaneously on the same data.
3. ECL. EDIBON CLOUD LEARNING: DESCRIPTION

Because by using EDIBON Cloud Learning you will be able to:

- **Control** EDIBON Units wherever you are.
- **Monitor in real time** in your screen the units while working.
- **Manage** your laboratory in a **secure** Cloud based environment.
- **Share** all sort of useful resources & information.
- **No installation** required.

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3.1. EDIBON Technical Distance Learning.
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3.6. Clarifications about E-learning and ECL. EDIBON CLOUD LEARNING /Technical Distance Learning.
What is e-learning?
E-learning is the common system widely used to carry out Distance Learning. This is a good solution for no presential teaching, but only for teaching theory. **E-learning cannot be used by itself, for Technical Distance Learning.**

What is ECL. EDIBON CLOUD LEARNING or Technical Distance Learning?
ECL allows to work, operate, manipulate completely and at any distance any EDIBON unit using SCADA and /or SCADA Unit Expansion, exactly the same, as when the user has the EDIBON SCADA Unit in front of him.

Example:
- E-learning for teaching theory, without dynamic processes..
- ECL to carry out practices by the user / student with any SCADA process unit, in dynamic motion.
- We could say that ECL is an e-learning for Technical applications with units in operation or working, allowing the students to do the practices remotely or the researchers to do research in details, same as when they have the unit in front of them.

Conclusion:
ECL is the solution for Teaching Engineering matters remotely and at any level, as:
- Higher Education Engineering practices.
- Technical and Vocational practices
- Secondary Education for Physics.

EDIBON has many solutions for ECL. EDIBON CLOUD LEARNING / Technical Distance Learning.
4. ECL. EDIBON CLOUD LEARNING: PLATFORM

4.1. What we get and use with ECL. EDIBON CLOUD LEARNING

4.2. Some User Actions

4.3. Users online platform

4.4. Remote app

Log in

Administrative Tools

Graphs

Controls & Indicators

Video & Audio

Diagrams

Remote App → EDIBON SCADA

Webcam → EDIBON Unit

Download: Acquired Data & Reports
The *User* will be able to:

- **Interactively** learn in a flexible environment as being in the Laboratory.
- Access the **Remote Application**.
- **Upload & Download** Measurement data and graphs, Multimedia resources and Reports.
- **Evaluate** your progress.
- **Results** Database.
As Administrator you will be able to:

- **Manage** your Laboratory.
- **Access the Remote Application.**
- **Upload & Download** Measurement data and Multimedia resources.
- **Easily take advantage of its powerful Class Administration Tools:**
  - User accounts settings.
  - User sessions history.
  - Users progress monitoring.
Using the cloud-support remote application you will be able to:

Perform a remote operation with the EDIBON SCADA Software.

View EDIBON Units while working as if you were physically in the Lab (webcam).

4. ECL. EDIBON CLOUD LEARNING: PLATFORM

4.1. What we get and use with ECL. EDIBON CLOUD LEARNING
4.2. Some User Actions
4.3. Users online platform
4.4. Remote app
5. TECHNICAL TEACHING SOLUTION BY USING ECL

5.1. What do I need to start?
5.2. ECL diagrams
5.3. ECL overview
5.4. Benefits of this technology for online education during COVID-19 days.
5.5. ECL-Features and requirements.
5.6. EDIBON Cloud Learning Operation (Video)

It is really easy to being using EDIBON Cloud Learning, **all you need is:**

- A device connected to the Internet.
- Your favorite Web Browser.
- A User/Administrator account.
- EDIBON Unit with SCADA System.
5. TECHNICAL TEACHING SOLUTION BY USING ECL

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5.4. Benefits of this technology for online education during COVID-19 days.
5.5. ECL-Features and requirements.
5.6. EDIBON Cloud Learning Operation (Video)
5. TECHNICAL TEACHING SOLUTION BY USING ECL

Flexibility

- **No time constraints:** Laboratories operate 24 hours a day.
- **No space constraints:** No crowded Laboratories.
- **No geographical constraints:** Physical attendance is not required to use Laboratory resources.
- **Unlimited number of sessions:** Improves the experiments quality and students can learn much more.

Economy

- **Less units are required:** Several students can do their tests at the same time and operate the same unit.
- **Less computers:** As students can operate the units using their own devices, your Laboratory will never be full of computers.
- **Less staff:** As students do not need to go to the Laboratory, no staff to supervise them is required.
- **Less start-up costs:** Less infrastructure makes Laboratories easier to start-up, manage and maintain.

Reliability

Safety

Experience

Innovative Engineering for Technical Teaching and Research Equipment
5. TECHNICAL TEACHING SOLUTION BY USING ECL

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RELIABILITY
- EDIBON provides a quick remote assistance.

SAFETY
- Avoid accidents: Many experiments can pose fire, electrical, radiation or biological hazard to personal safety.
- Confidentiality: Only you (as administrator) can have access to the stored data and information.

EXPERIENCE
- Enjoy the experience of controlling, exploring and understanding the operation of real engineering units.
- Manage your Laboratory: practical exercises easily and investing less time.
- Feel satisfied: Take advantage of a more flexible, accessible and constructive learning experience.
Key Features:
- Control in Real Time.
- Video Streaming in Live.
- Compatible with most popular web browsers: Edge, Chrome, Firefox, etc.
- Available anywhere and anytime.
- Hardware changes is not required.
- Compatible for new and purchased Units.
- User Control Access.
- View and Control Mode.
- Schedule for Booking Machines.
- Unit and Tasks Management.
- Security Layers.
- Encryted Data.

Requirements:
- Device with Internet Connection
- Internet Speed above 20Mbps.
5. TECHNICAL TEACHING SOLUTION BY USING ECL

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WITH HOW MANY EDIBON UNITS YOU CAN USE ECL?

6.1. With more than 1000 EDIBON SCADA units.

6.2. With more than 12000 SCADA units expansions.

6.3. With all EDIBON SCADA units supplied in last 30 years.
Real Life Performance of how the ECL. EDIBON CLOUD LEARNING, works in a Computer Controlled Process Control System with SCADA and PID Control, “UCP”.

**ECL. EDIBON Cloud Learning.**

**UCP.** Computer Controlled Process Control System with SCADA and PID Control.
QUESTIONS AND ANSWERS
Innovative Engineering for Technical Teaching and Research Equipment

THANK YOU

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