Master System

Software

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Schedule – Day 2 Training

Presents ALFA: Fernando Carbajal, Technical Service

	Day #1	Day #2	Day #3
In the morning	Theorical: - Concept and Modularity - Machine components - Technical aspects - Unpacking and installation - Set-up - Questions, Answers	Theorical: - Software and Electronics - Machine configuration calibration and functionalities - Alfa Admin, Alfa Tint and Alfa Cloud - Importance of connecting the machines to the Internet - Questions, Answers	Theorical & Practical - Most frequent problems and solutions - Preventive maintenance at the point of sale - Questions, Answers
In the aftenoon	Practical: - Works with the 2 machines in warehouse	Practical: - Application in the sale points with the machines	
Final day	Practice Quiz	Practice Quiz	Final Evaluation

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Desk

Smart unit

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Industry 4.0

INTERNET OF THINGS

All our products are intelgent units capable of collecting, sending and receiving information in a bidirectional way.
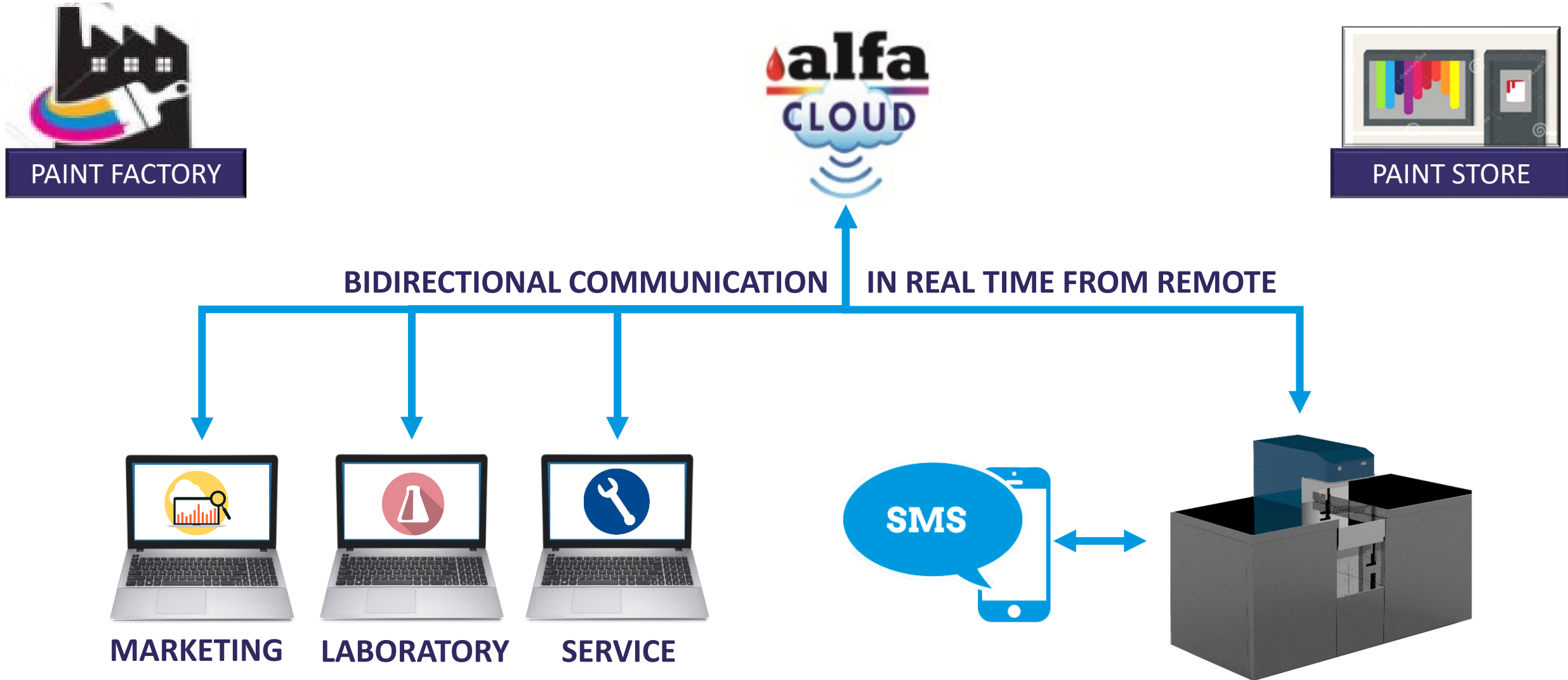
CLOUD PLATFORMS

Cloud

Information is gathered and made available to all authorized users from remote in real time.

BIG DATA

Big Data

To have far more intelligence at your disposal to improve decision-making and minimise risks.

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Direct control of technologies

PAINT FACTORY

alfa CLOUD

PAINT STORE

BIDIRECTIONAL COMMUNICATION IN REAL TIME FROM REMOTE

MARKETING   LABORATORY   SERVICE

SMS

How?

Inteligence on board

Each machine has a built-in Linux PC

Web Server

Virtual server on each Linux PC.

Internet

Connection with Ethernet cable or router with SIM data).

VPN

Access through a secure connection.

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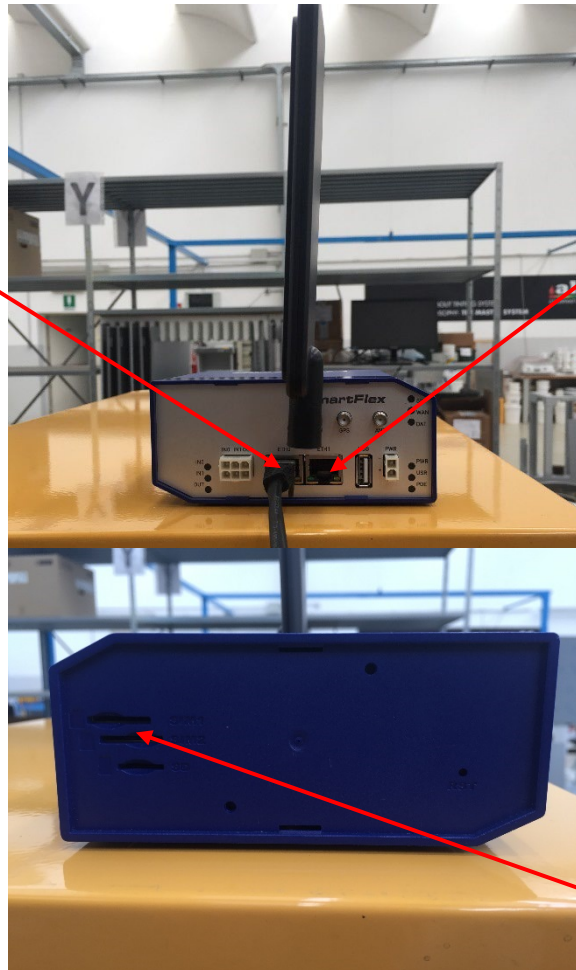COLORPAINT DISPENSER

Intelligence on board
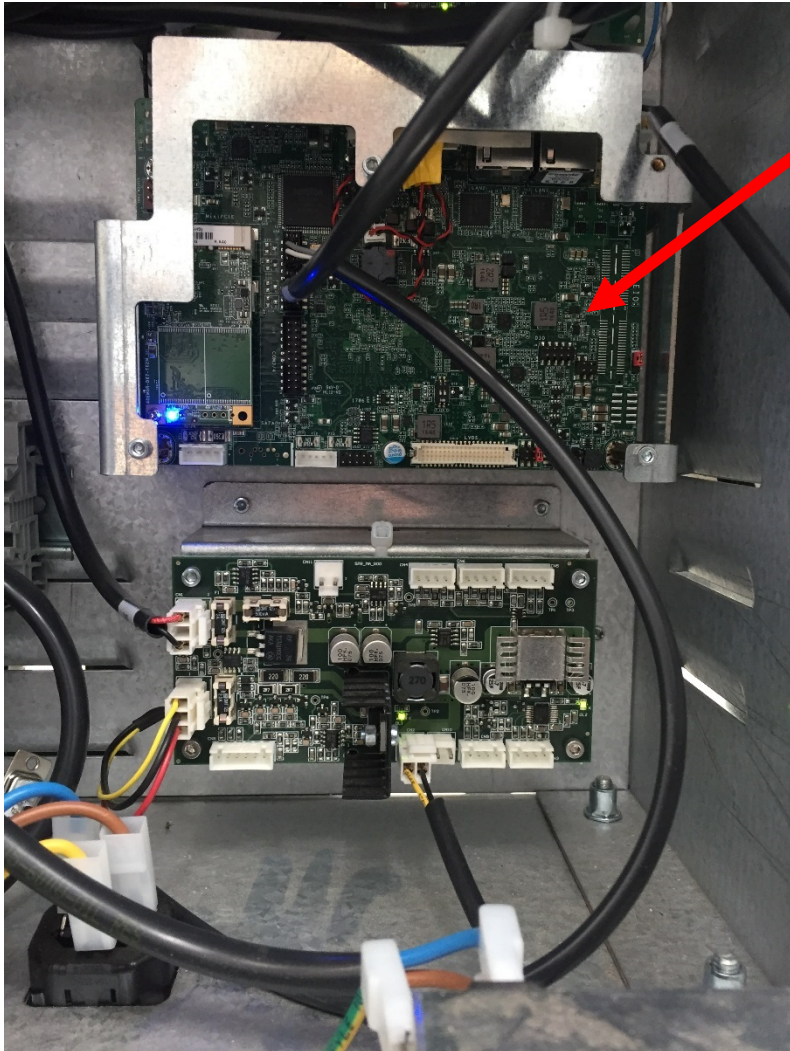
Linux PC

PC on board. Connection with local PC via Ethernet cable.

Linux brings an embedded web-based server.

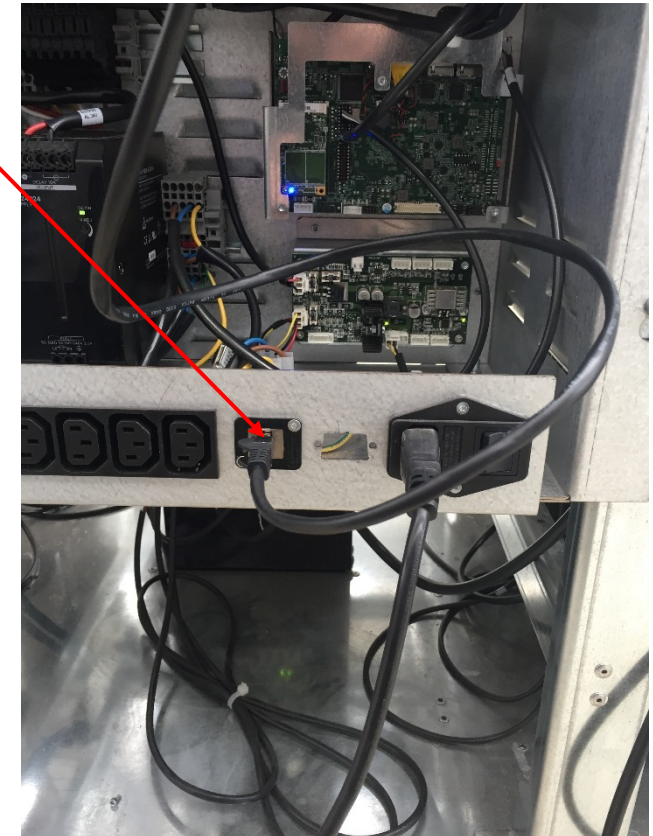Access to the machine via a web browser, inserting the address

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Conection / Internet

Option A - Router

Option B – Red Local

To machine port

To PC port

SIM Data

To PC port

Conection / Internet

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Configuration IP machine - PC

MACHINE:

IP: 192.168.0.100
NETMASK: 255.255.255.0

PC:

IP: 192.168.0.XXX
NETMASK: 255.255.255.0

xxx = free subnet address

ⓘ 192.168.15.100 ☆

Connect the PC to the machine using the Ethernet cable provided.
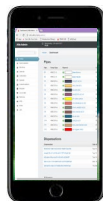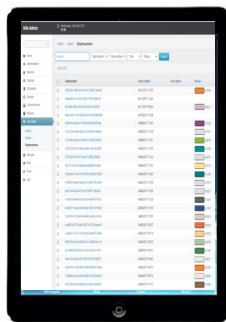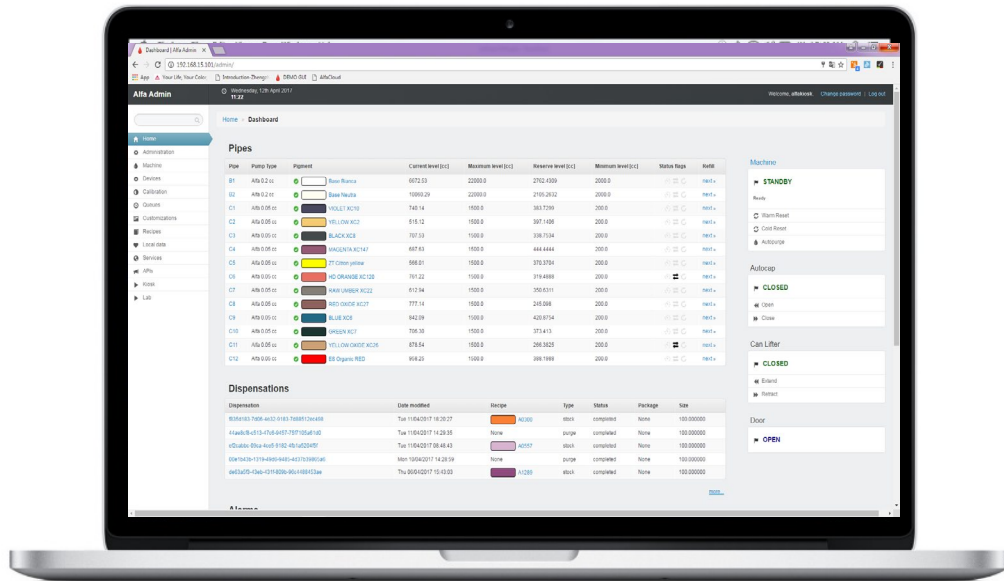The default IP address of the machine is 192.168.0.100.
Update the network configuration of the PC with the IP address 192.168.0.99.
Turn on the machine by moving the switch to the "I" position.

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Software

Alfa Admin y Alfa Cloud

Alfa Admin

Configure and manage each dispenser remotely:

Check the condition of the machine;

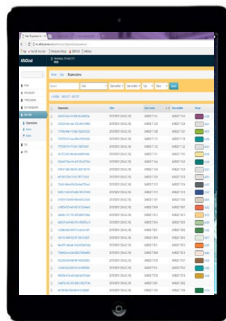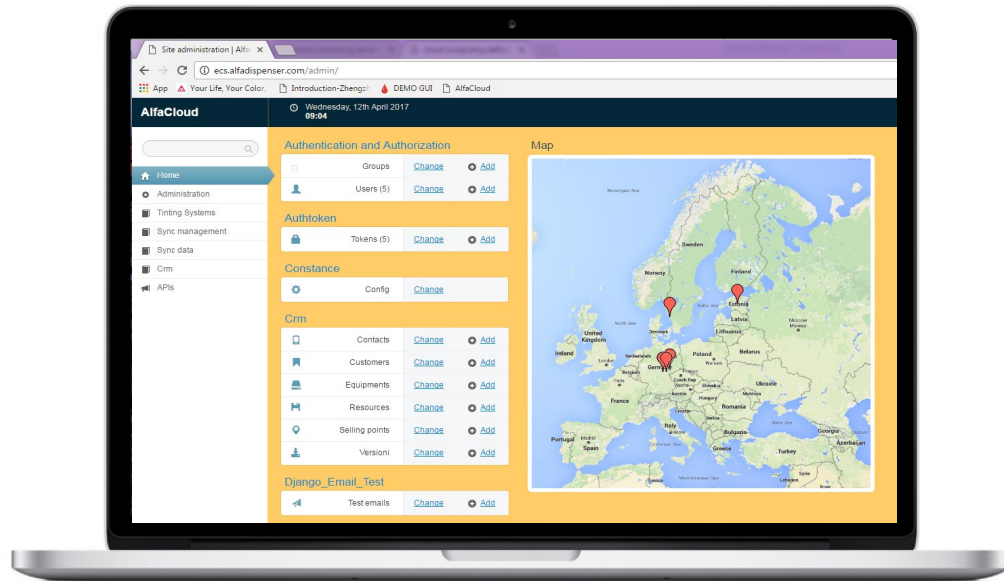Check the level of consumables;

Configure the machine;

Collect dispensing data;

Diagnosis and problem solving.

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Alfa Cloud

Manage the global network of dispensers:
Update of formulas;
Upload / download information;
Geo-localization of all machines;
Level of consumables to plan the replenishment;
Set different user profiles.

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Software - Advantages

Laboratory

Keep the formulas updated
Information management in real time
Launch new formulas or products easily
Consumption of inputs *
Formulas color in Cloud to perform color matching at the point of sale

Marketing

Sales statistics *
Profile customers and make marketing campaigns
Buy points of sale, location, etc. *
Manage List Prices and offers in real time *
Plan the production of ready mix *

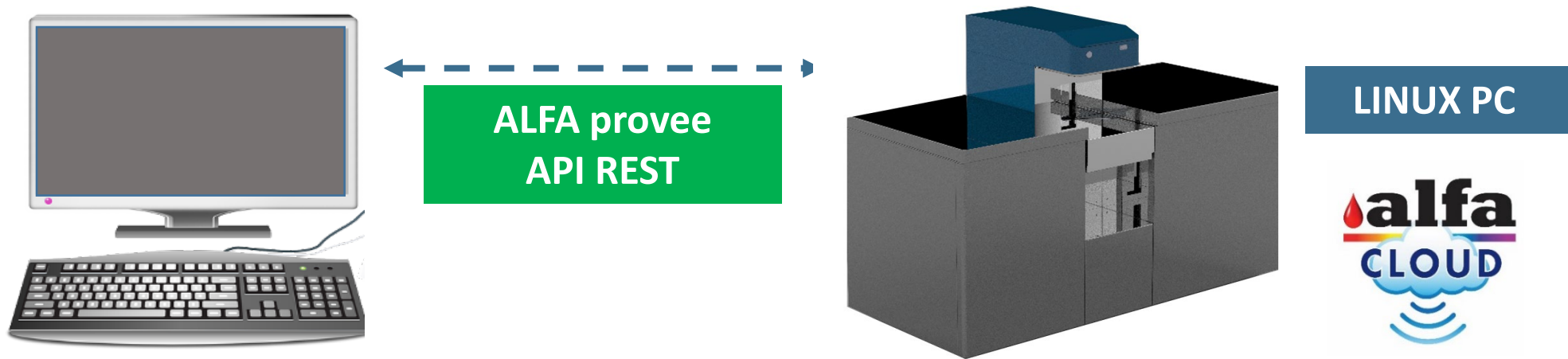**Service**

Management and supervision of machines from remote
Centralizes events and errors of all machines
Levels of pre-reserve and reserve
Reduce time and cost of service
Automatic updates *

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Interface with an external software

All the Alfa machines can be easily interconnected with external software, writing the driver that allows the communication between the software and the Linux PC.

ALFA provee
API REST

LINUX PC

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CLOUD

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Thank you!