Control Tower

Monitor and control

your BUSI knitting machines in real-time, 24/7

BUSI | CONTROL TOWER

Monitoring production cycle performances

Control Tower is a **web application** which allows you to collect and analyze **production data** from your BUSI knitting machines.

Control Tower helps you to get the answers to critical questions, such as:

- How many socks have been produced so far?

- Which machines work less efficiently, and why?

- Do shifts affect productivity positively or negatively?

How does it work?
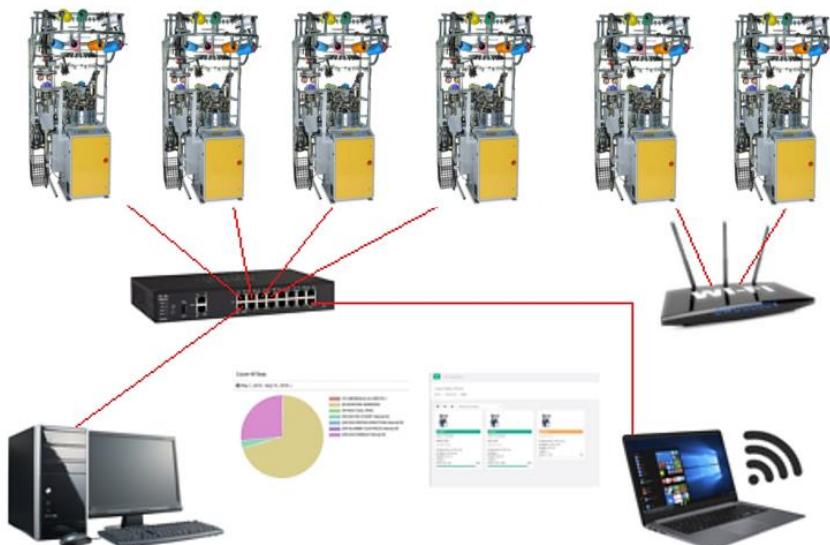
The program receives the information from the connected machines through an Ethernet connection, built in to *Signal* hardware machines, and saves it into a local database of the main server.

The main server is a personal computer where the software **Control Tower** is installed.

The network is a simple Ethernet system (cabling, router, etc.).

Key information at your fingertips

Control Tower allows you to retrieve, store and then organise and analyse all the data received from the machines.

In a quick and easy way **Control Tower** allows you to display **Key Indicators** related to efficiency, number of stops, production performances, and others.
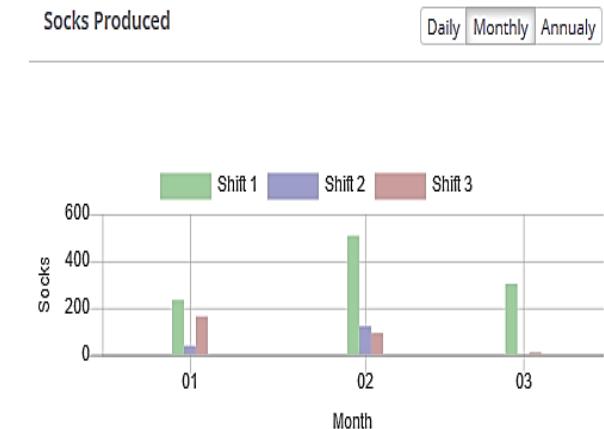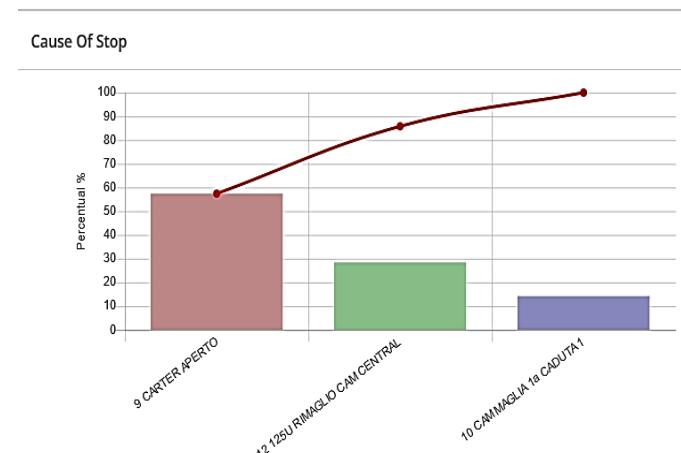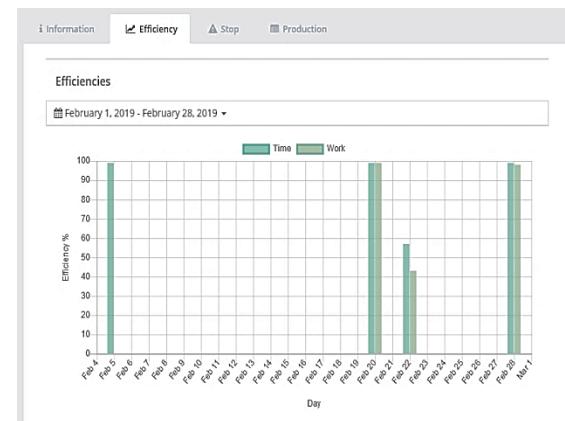
Production planning

Production can be **managed remotely** by selecting the type of sock to manufacture or by connecting various items set in the machines (sock, size, quantity).

Files may be **uploaded** from the server onto the machine for production purposes or, the other way round, they may be **downloaded** from the machine (such as a locally designed article) to be stored in the server.

Production's Data

Program: UT144T_1UT11.prg
Pattern: f7-61s4m.dis
Stitch: f7144lu1.sti
Size: 1
Refuse: 0
Cycle Time: 00:00:00
Speed: 0 / 170
Step: 56 / 89 TOE_UP   62.0%

Items: 0 / 0   0.0%

Machine Details

Name: 0318320
Model: TAIHOS7N-144
Serial Number: 123456
Sw Version: c02.74.06
Hw Serial: 00001
Address: 192.168.1.119
Stop Time:
Work Time:
Time On:

Current Production

Edit

Id	Program		Pattern		Stitch		Target	Size
1	under.prg	Download	intruz2.pat	Download	ts1.sti	Download	4	1
2	under.prg	Download	intruz2.pat	Download	ts1.sti	Download	5	2
3		Download		Download		Download	0	0
4		Download		Download		Download	0	0
5		Download		Download		Download	0	0
6		Download		Download		Download	0	0
7		Download		Download		Download	0	0
8		Download		Download		Download	0	0

Easy reporting

Control Tower also makes **customised reports** showing the overall state of the system and machines.

All reports can be **printed** in various formats (Pdf or Excel etc.).

Machines List Information

Control Tower
Reporting Tool

Group:

IP	Name	Model	Serial	HW Serial	SW Version
192.100.100.162	3218230	mafp 200	3218230	735/V21	c02.74.05
192.100.100.163	3218240	mafp 200	3218240	737/V21	c02.74.05
192.100.100.164	3218260	mafp 200	3218260	716/V21	c02.74.05
192.100.100.165	3218250	mafp 200	3218250	738/V21	c02.74.05
192.100.100.166	3218270	mafp 200	3218270	733/V21	c02.74.05
192.100.100.172	0000006	maep 132	0000006	606/V21	c02.74.04
192.100.100.175	2418430	mabq 360	2418430		
192.168.1.107		DEMOSIGNAL108	0308340	818/V13	02.74.00
192.168.1.119	0318320	TAIHOS7N-144	123456	00001	c02.74.06
192.168.1.78	5555	MAAF 132	0000005		

Total: 10

Total Machines: 10

Machines Stops List

Control Tower
Reporting Tool

Date From: 2/20/2019 9:48:23 AM To: 3/21/2019 9:48:23 AM

Group:

Machine 192.168.1.107 Name:

CODE	DESCRIPTION	COUNT	TIME
225	LINKER FAULT Internal 25	170	01:42:47
224	LINKER COMMUNICATION Internal 24	8	00:59:28
31	SERVO DRIVER ALLARM	55	00:17:36
		233	02:59:51

Machine 192.168.1.119 Name: 0318320

CODE	DESCRIPTION	COUNT	TIME
9	CARTER APERTO	3	4.07:06:24
12	125U RIMAGLIO CAM CENTRAL	7	2.02:57:08
10	CAM MAGLIA 1a CADUTA 1	13	1.01:31:28
		23	7.11:35:00

Flexible and extensible

The Control Tower database uses PostgreSQL, a powerful object-relational database system to store data safely and access it externally.

Therefore, Control Tower gives you full control, easy analysis and organisation of data, no matter how large they are, for more accurate and customised reports.
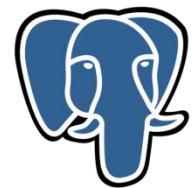
Responsive, versatile and adaptable

Control Tower is a Web application **compatible** with all **major browsers** (Firefox, Chrome, IE, Edge, Opera etc.), including **mobile** browsers.

Control Tower is also **responsive**: it can be adapted to the dimension and resolution of the device being used.

Want to know more?

For further details
feel free to contact us at:

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