RECIPES CONTROL
FULL TRACEABILITY
DOSED NETS
STOCKS VISUALIZATION
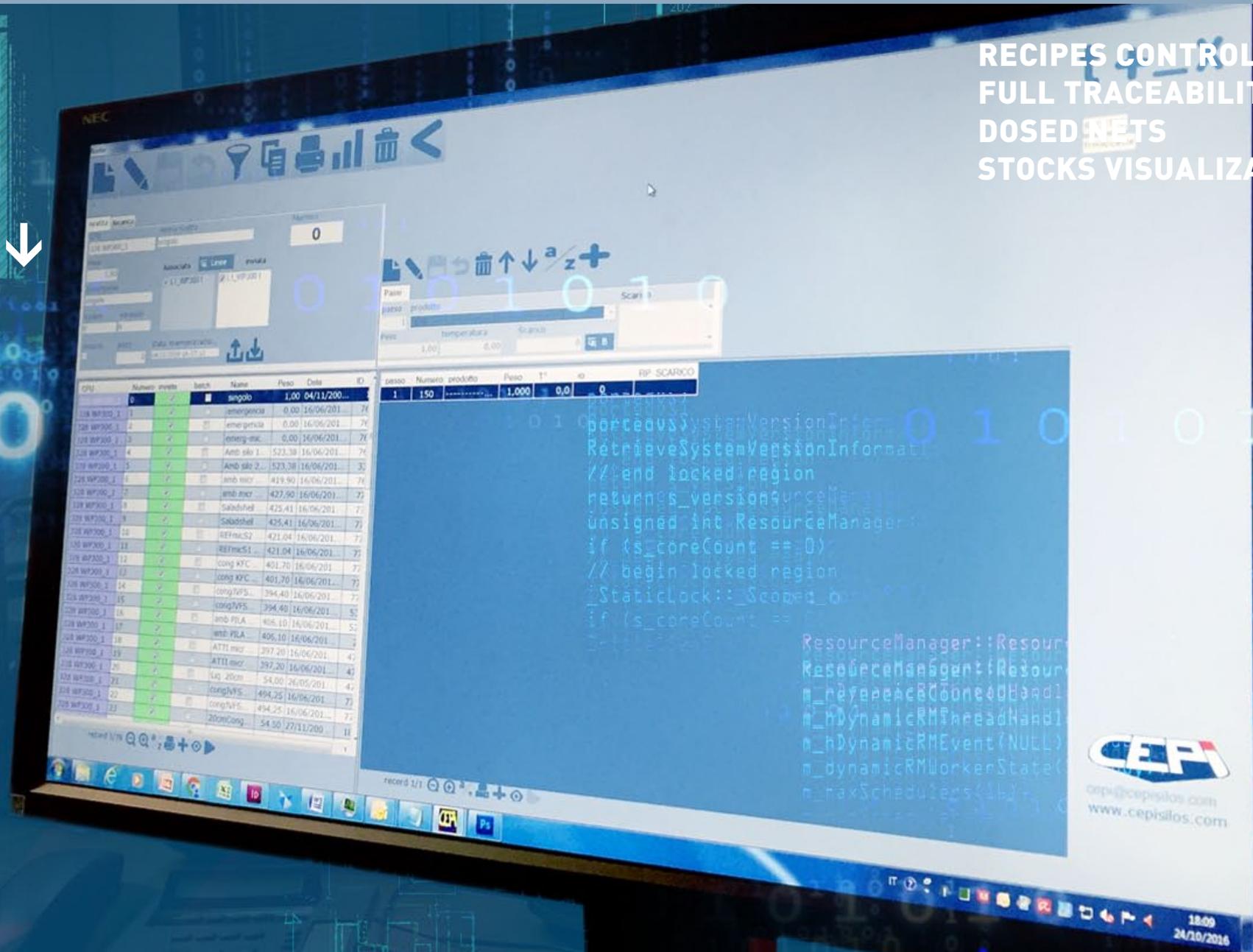
CEPI

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MANAGEMENT SOFTWARE OF RAW MATERIALS

Full traceability

Data history

Graphical report of consumption

Lot control with barcode

OPERATING SYSTEM AND HARDWARE REQUIREMENTS

Operating system
Windows 7 Professional (32/64 bit) with Microsoft .Net Framework 4.5.1

Minimum screen resolution
1280 x 800

Minimum microprocessor
INTEL i3

RAM
4 GB

Hard Disk
256 GB

2 x Ethernet card

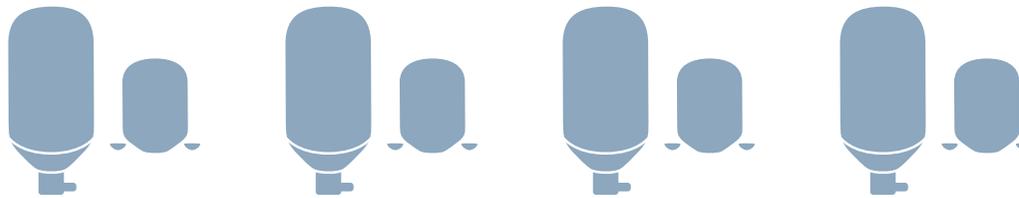**CEPi**

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CEPI TRACKING SYSTEM
SUPERIVISION CEPI MASTER

MULTIPLE DOSING LINES

WP

WEIGHING SILO IN NETWORK

PC

SUPERVISION
CEPI MASTER

INTERNET

CEPI TRACKING SYSTEM

RECIPES CONTROL
TRACEABILITY
DOSED NETS
STOCKS VISUALIZATION

t + _ X

1

Maestro CEPI

cepi

setup 26052008

cepi

level9 Superopera...

2

Minimo livello silo 3001
Minimo livello silo 3002
Minimo livello silo 3003
Minimo livello silo 3012
Minimo livello silo 1001
Minimo livello silo 1003
Minimo livello silo 1004

3

1 2 3 4 5

4

Gestione ricette	Elenco Batch	Consumi per silo	Fornitori	Prodotti in magazzino
Comandi	Prodotti in magazzino	Consumi per ricetta	Elenco GTIN	LivelloSilos
Ricezione ricette	Lotti	Consumi per linea	Prodotti in linea dosaggio	Associa GTIN a Silos
	Prodotti in linea dosaggio	Stato Comandi		

| Operatori | Porte seriali | DataLogicStarGate_1_0 | DataLogicDragonM131D | CPU | Linee | Bilance | Silos | Lotti |
| Login | Logout | LogEventi | Lingua | Tabelle pubbliche | Parametri | OPC server | Traduzioni | Info |

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Recipe control

Visualization
Create and change recipes
Send or receive from/to dosing devices

Traceability

Visualization of performed batches
Management of products in line

Warehouse management

Management of suppliers
Products in warehouse and in dosing line
GTIN association

Software settings

Setting devices

User settings

Setting user and system functions

1
Visualizations
Show descriptions of functions
Show additional commands
Minimize the software
Leave the software

2
User data
Costumer
User
User's real surname, real name and level

3
Alarm list

4
State of communication
between the system devices and the Cepi Comm Service

RECIPE CREATION

CREATE RECIPES
ON SUPERVISOR
AND SEND THEM
ON DEVICE
AND VICEVERSA

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CEPI TRACKING SYSTEM
SUPERIVISION CEPI MASTER

RECIPE CREATION
EXAMPLES

Recipe page

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RECIPE CREATION
PROCEDURE

NEW button
in the top bar ress to create a
new recipe

SAVE button
press to save the new recipe
or the changes to an existing recipe

MODIFY button
press to modify an existing recipe

CANCEL button
press to cancel the changes

DUPLICATE button
press to create a new version
of a recipe (can be used to
modify a recipe which has
generated batches)

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RECIPE CREATION
PROCEDURE
continued

RECIPE DETAILS
enter recipe name and number, dosing device, weight
and pieces to produce, description, code, version
and flag internal only recipes

RELOAD details
enter additional recipe details: tolerance, minimum
and maximum weight, silo type, GTIN details
and flag batches that will be used later in other
productions

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Linee

Associata	Linee	inviata
☑ LWP230_1 11		☐ LWP230_1 11

LINES SELECTION
press the LINES button to select the line the recipe is targeted to

Select the line the dialog box

The selected line appears in the panels ASSOCIATED (flagged) and SENT (non flagged until it's sent to the device)

scelta della linea

☐ 1
└─ ☐ LWP230_1 11

OK   Annulla

1_WP230_SM1 10

RECIPE CREATION
PROCEDURE
continued

STEP DETAILS panel
Enter the recipe steps
or modify existing steps
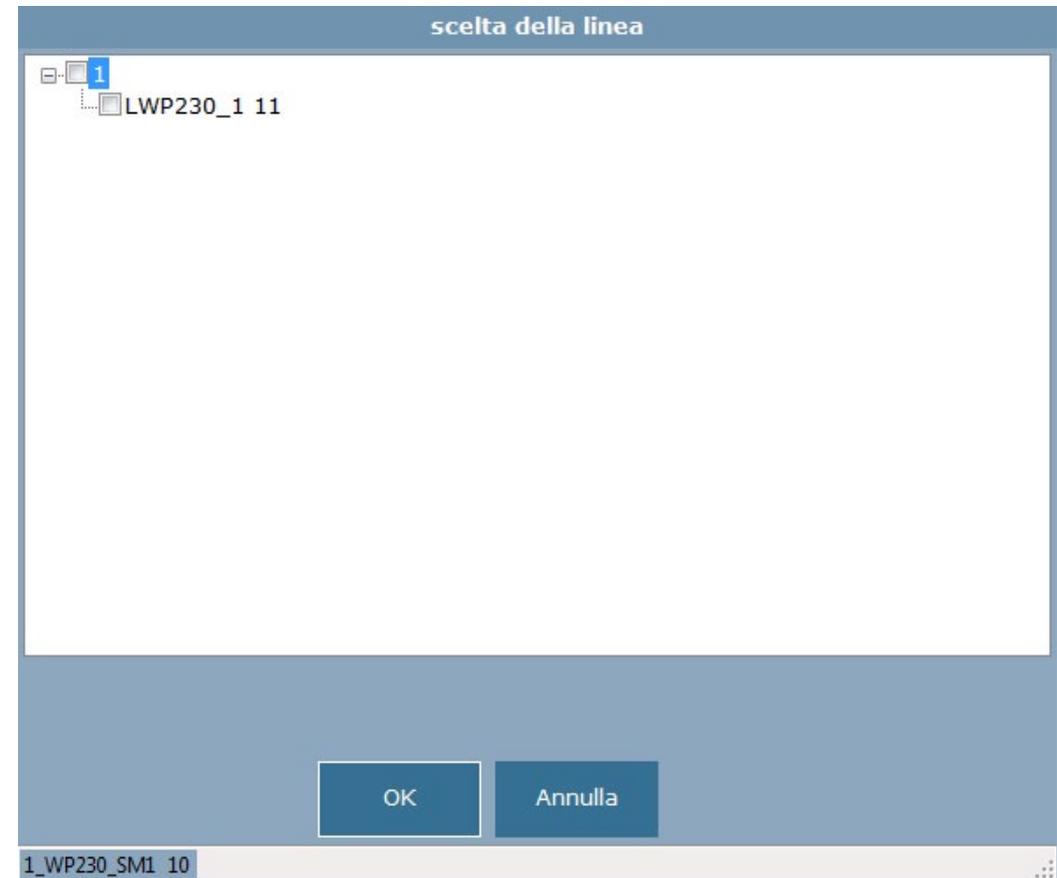
+ toolbar

Passi

passo	prodotto		Scarico
1	18 Scarico (Scarico)		

Peso	temperatura	Scarico	
0,00	0,00	0	B

RECIPE STEPS panel
Steps of the recipe

+ toolbar

passo	Numero	prodotto	Peso	T°	io	RP SCARICO
1	2	SILO 2	325,...	0,0	0	
2	11	A Red	121,...	14,0	0	trimix-
3	0	DESCARGA	0,000	0,0	0	
4	16	SALAMOIA	33,750	0,0	0	Solidi-
5	15	GLICERINA	23,250	0,0	0	
6	21	TMX1Sorb...	0,940	0,0	0	Liquidi-

record 1/24

PRODUCTION ANALISYS
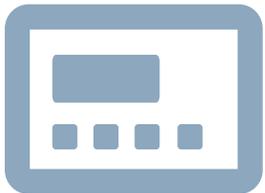
RECEIVE PRODUCTION DATA FROM DEVICE AND ANALYSE BY:

PRODUCT (IN TIME INTERVAL SUCH AS DAY, MONTH, YEAR...**)**
RECIPE (IN TIME INTERVAL)
LOT (IN TIME INTERVAL)

CREATE REPORT

PRODUCTION ANALISYS
EXAMPLES

Consumption analisys

t +_x

SCELTA RICETTE
frmSceltaRicette

	Dal	Al	Linea		pezzi		Tabella
	10/04/2015 00:00:01	27/04/2015 23:59:59	1 L1 sponge				
			CPU		Lotti		
			WP300_1			Versioni	
						Dettaglio ricetta	

Ricette | Andamenti | **10/04/2015 27/04/2015**

Numero	CPU	Chiave	Nome	Descrizione	versione	Peso	Data
0	WP300 1	0 49	single	single	0	1	27/06/2014 ...
1	WP300 1	1 49	PETIT CLA...	-------------	0	62	07/04/2015 ...
2	WP300 1	2 49	REGULAR	-------------	0	62	17/03/2015 ...
3	WP300 1	3 49	mythic	-------------	0	64	02/03/2015 ...
4	WP300 1	4 49	TEST SCAR...	-------------	0	0	30/06/2014 ...
5	WP300 1	5 49	sponge	-------------	0	62	02/03/2015 ...
6	WP300 1	6 49	big tasty	-------------	0	62	17/03/2015 ...
7	WP300 1	7 49	sponge 40	-------------	0	40	24/02/2015 ...
8	WP300 1	8 49	mythic	-------------	0	65	19/03/2015 ...
9	WP300 1	9 49	GRAND BIG...	-------------	0	62	19/03/2015 ...
10	WP300 1	10 49	BIG MAC	-------------	0	63	19/03/2015 ...
11	WP300 1	11 49	FARINE 40...	FARINE 40...	0	61,5	03/03/2015 ...
12	WP300 1	12 49	EAU 22Kg	-------------	0	22	19/03/2015 ...
13	WP300 1	13 49	EAU 23	-------------	0	23	19/03/2015 ...
14	WP300 1	14 49	TEST SCAR...	-------------	0	0	30/06/2014 ...
20	WP300 1	20 49	L2 PETIT C...	-------------	0	35,2	20/03/2015 ...
21	WP300 1	21 49	TEST MAN	-------------	0	5	30/06/2014 ...

record 1/17

0/0 0 0

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PRODUCTION ANALISYS
EXAMPLES

Consumptions during a time interval

PRODUCTION ANALISYS
EXAMPLES

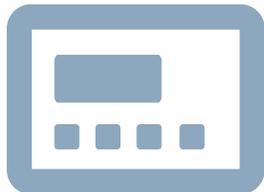**Graphic representing consumptions during a time interval**

DOSED NETS

**RECEIVE AND VISUALIZES
DOSED NETS FROM WP
IN REAL TIME**

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DOSED NETS
EXAMPLES

Dosed nets

ID	ricetta	Nome ricetta	N°	Linea	Peso net	Lotto	inizio	fine	Set tot
25898	1	GNOCCHI	31	LWP23...	168,200	20140605	05/06/2014 12:0...	05/06/2014 12:0...	0
25895	4	TAGLIATE...	11	LWP23...	72,300	20140605	05/06/2014 11:5...	05/06/2014 11:5...	0
25893	1	GNOCCHI	31	LWP23...	167,000	20140605	05/06/2014 11:5...	05/06/2014 11:5...	0
25889	4	TAGLIATE...	11	LWP23...	71,900	20140605	05/06/2014 11:4...	05/06/2014 11:4...	0
25888	1	GNOCCHI	31	LWP23...	168,300	20140605	05/06/2014 11:3...	05/06/2014 11:3...	0
25886	1	GNOCCHI	31	LWP23...	168,100	20140605	05/06/2014 11:1...	05/06/2014 11:1...	0
25885	4	TAGLIATE...	11	LWP23...	72,900	20140605	05/06/2014 11:1...	05/06/2014 11:1...	0
25899	3	tortellini-r...	51	L300B5	218,000	20140605	05/06/2014 11:0...	05/06/2014 11:0...	826
25881	1	GNOCCHI	31	LWP23...	168,800	20140605	05/06/2014 10:5...	05/06/2014 10:5...	0
25879	4	TAGLIATE...	11	LWP23...	72,900	20140605	05/06/2014 10:5...	05/06/2014 10:5...	0
25896	2	prontosfo...	51	L300B5	189,600	20140605	05/06/2014 10:5...	05/06/2014 10:5...	5000
25877	1	GNOCCHI	31	LWP23...	168,500	20140605	05/06/2014 10:3...	05/06/2014 10:3...	0
25892	3	tortellini-r...	51	L300B5	218,400	20140605	05/06/2014 10:3...	05/06/2014 10:3...	826
25875	4	TAGLIATE...	11	LWP23...	72,200	20140605	05/06/2014 10:3...	05/06/2014 10:3...	0
25897	5	GARGANE...	41	L300B4	183,400	20140605	05/06/2014 10:3...	05/06/2014 10:3...	1000
25890	2	prontosfo...	51	L300B5	190,200	20140605	05/06/2014 10:3...	05/06/2014 10:3...	5000
25872	1	GNOCCHI	31	LWP23...	167,700	20140605	05/06/2014 10:2...	05/06/2014 10:2...	0
25894	4	RAV:DIVINE	41	L300B4	183,000	20140605	05/06/2014 10:2...	05/06/2014 10:2...	1000
25871	4	TAGLIATE...	11	LWP23...	71,400	20140605	05/06/2014 10:1...	05/06/2014 10:1...	0
25891	3	TORT:DIVI...	41	L300B4	182,900	20140605	05/06/2014 10:1...	05/06/2014 10:1...	1000
25887	2	prontosfo...	51	L300B5	190,100	20140605	05/06/2014 10:1...	05/06/2014 10:1...	5000
25884	3	tortellini-r...	51	L300B5	217,400	20140605	05/06/2014 10:0...	05/06/2014 10:0...	826
25867	1	GNOCCHI	31	LWP23...	170,000	20140605	05/06/2014 10:0...	05/06/2014 10:0...	0
25866	4	TAGLIATE...	11	LWP23...	73,200	20140605	05/06/2014 10:0...	05/06/2014 10:0...	0
25882	2	prontosfo...	51	L300B5	190,700	20140605	05/06/2014 09:5...	05/06/2014 09:5...	5000
25862	1	GNOCCHI	31	LWP23...	170,800	20140605	05/06/2014 09:4...	05/06/2014 09:4...	0
25880	1	lasagne	51	L300B5	179,700	20140605	05/06/2014 09:4...	05/06/2014 09:4...	1000
25861	4	TAGLIATE...	11	LWP23...	73,200	20140605	05/06/2014 09:4...	05/06/2014 09:4...	0
25878	3	tortellini-r...	51	L300B5	218,100	20140605	05/06/2014 09:3...	05/06/2014 09:3...	826
25883	5	GARGANE...	41	L300B4	182,800	20140605	05/06/2014 09:3...	05/06/2014 09:3...	1000
25876	2	prontosfo...	51	L300B5	190,200	20140605	05/06/2014 09:2...	05/06/2014 09:2...	5000
25858	1	GNOCCHI	31	LWP23...	168,300	20140605	05/06/2014 09:2...	05/06/2014 09:2...	0
25856	4	TAGLIATE...	11	LWP23	72,300	20140605	05/06/2014 09:2...	05/06/2014 09:2...	

passo	Numero	prodotto	set	net	Stato passo
1	1	11 sm3_P...	13,200	45,500	OK
2	6	7 sm3_VTS7	6,600	13,900	OK
3	7	6 sm3_VTS6	13,200	6,000	OK
4	11	12 sm3_G...	50,000	49,600	OK
5	11	11 sm3_P...	28,000	38,700	OK
7	12	1 sm3_SE...	45,000	14,500	OK

record 1/101

record 1/6

0/0 0 Peso Totale: 16.608,300

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DOSED NETS
EXAMPLES

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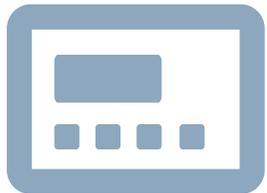www.cepisilos.com

DOSED NETS
EXAMPLES

Graphic representing the difference between dosed nets and set-point

STOCK VISUALIZATION

RECEIVE PRODUCTION DATA FROM DEVICES AND CREATES:

**BATCH REPORT
DYNAMIC REPRESENTATIONS**

STOCK VISUALIZATION
EXAMPLES

Graphic representing the current weight in silo

STOCK VISUALIZATION
EXAMPLES

Silo details

Nome
sm3_SEMOLA4

GBL-GLOBOSILOS

Min	Max
1.500,00	30.000,00

Giacenza	inquinamento
23.115,50	1.000,00

Pesato da
non pesato.

Storico

Nome silos cpu | **numero e descrizione**
| | 3004 sm3_SEMOLA4 |

Nome	peso totale	Prelevato	Rimanente
semola di grano duro	27.290,00	4.174,50	23.115,50
-	-		
Totale	27.290,00	4.174,50	23.115,50

record 1/1

23.116

Scelta silos
SCARICO

SILOS
frmSiloDettaglio

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STOCK VISUALIZATION
EXAMPLES
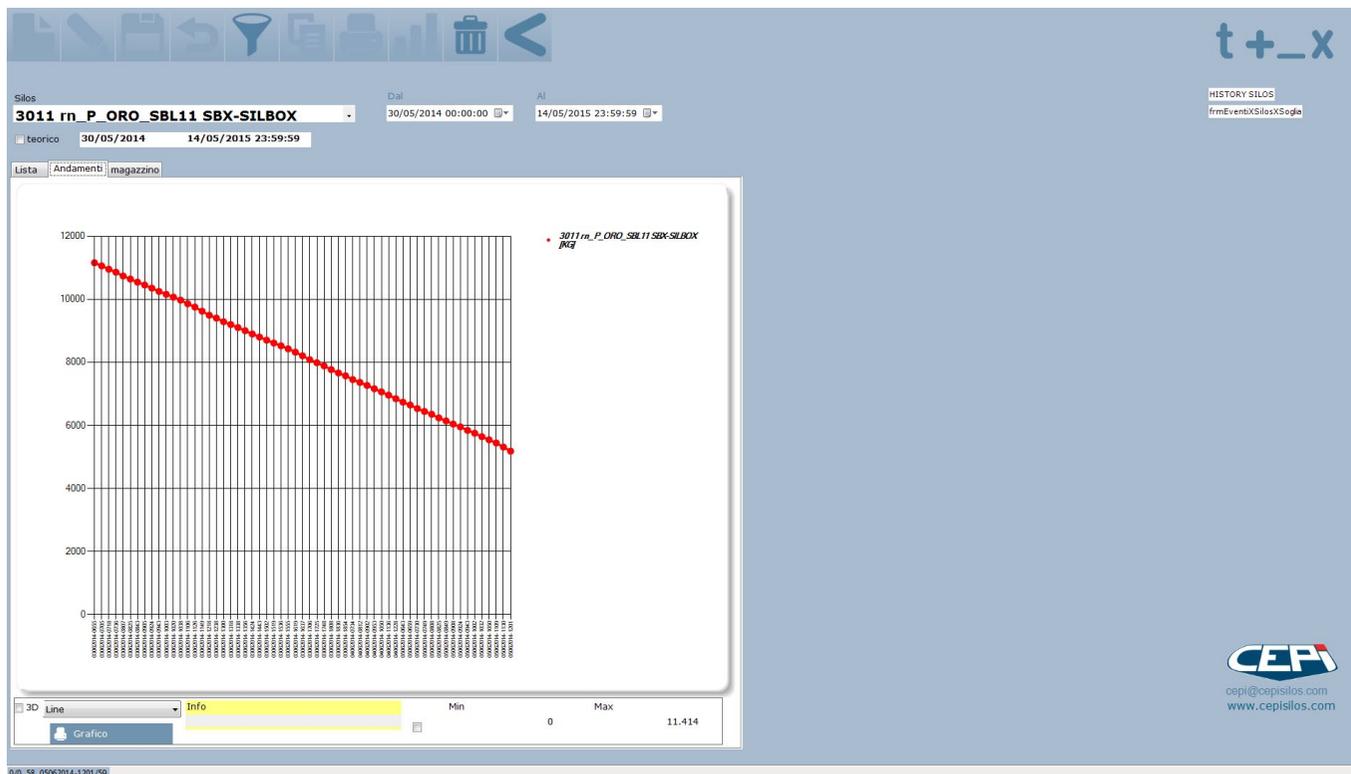
History of product inside silo