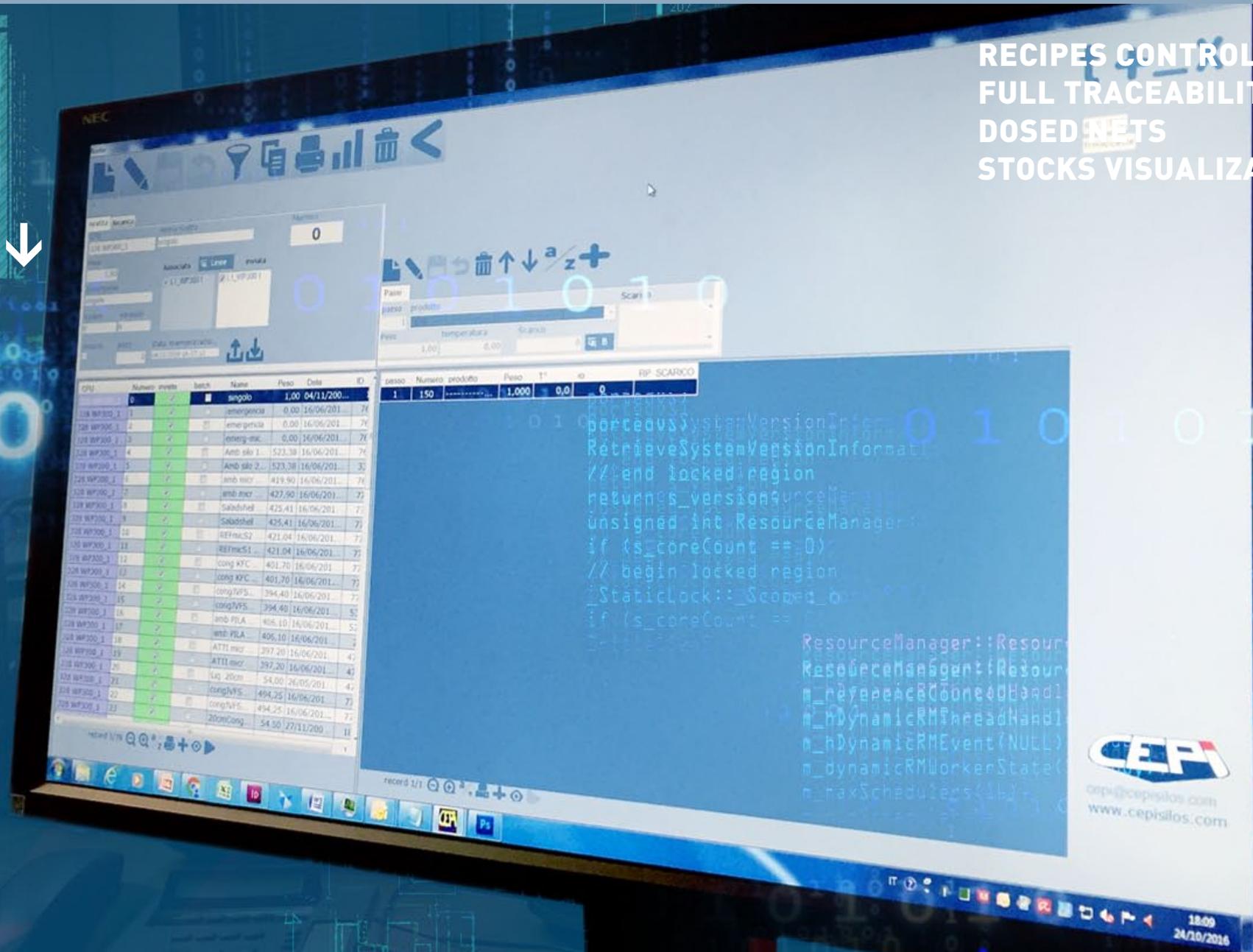


CEPI TRACKING SYSTEM

SUPERVISION CEPI MASTER



RECIPES CONTROL
FULL TRACEABILITY
DOSED NETS
STOCKS VISUALIZATION



Bulk-handling systems
www.cepisilos.com



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

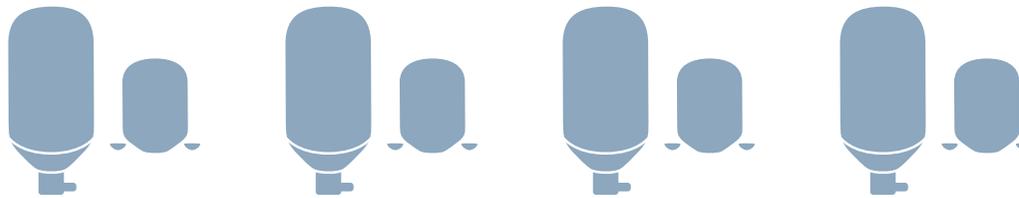


CEPI TRACKING SYSTEM

SUPERVISION 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**



CEPI TRACKING SYSTEM

SUPERVISION CEPI MASTER





- Gestione ricette
- Comandi
- Ricezione ricette



Elenco Batch	Consumi per silo
Prodotti in magazzino	Consumi per ricetta
Lotti	Consumi per linea
Prodotti in linea dosaggio	Stato Comandi



Fornitori	Prodotti in magazzino
Elenco GTIN	LivelloSilos
Prodotti in linea dosaggio	Associa GTIN a Silos

t+_x

Maestro CEPI

cepi

setup 26052008

cepi

level9 Superopera...

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

12345

●●●●



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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www.cepisilos.com



CEPI TRACKING SYSTEM

SUPERVISION CEPI MASTER



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

Customer
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**





RECIPE CREATION EXAMPLES

ricetta Ricarico

CPU: 328 WP300_1
Nome ricetta: single
Numero: 0

Peso: 1,00
Descrizione: single
Codice: 0
Interna: 0

Associata: L1 sponge 1
 L2 dough 2
 L3 manual 3

inviata: L1 sponge 1
 L2 dough 2
 L3 manual 3

Passi

passo	prodotto	temperatura	Scarico
1	vidange (VIDANGE)	0,00	0

t + _ x

Ricette
> Ricette

CPU	Numero	inviata	batch	Nome	Peso	Modifica	pezzi	Data	ID	versione	Tipo
328 ...	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	single	1,00	cepi	0	27/06/201...		1 0	Automatic
328 ...	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PETIT CLA...	62,00	cepi	0	07/04/201...		21 0	Automatic
328 ...	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	REGULAR	62,00	default	0	17/03/201...		13 0	Automatic
328 ...	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	mythic	64,00	8	0	02/03/201...		10 0	Automatic
328 ...	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TEST SCA...	0,00	8	0	30/06/201...		3 0	Automatic
328 ...	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sponge	62,00	8	0	02/03/201...		11 0	Automatic
328 ...	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	big tasty	62,00	cepi	0	17/03/201...		14 0	Automatic
328 ...	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sponge 40	40,00	cepi	0	24/02/201...		8 0	Automatic
328 ...	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	mythic	65,00	cepi	0	19/03/201...		17 0	Automatic
328 ...	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GRAND BI...	62,00	cepi	0	19/03/201...		16 0	Automatic
328 ...	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BIG MAC	63,00	cepi	0	19/03/201...		15 0	Automatic
328 ...	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FARINE 40...	61,50	cepi	0	03/03/201...		12 0	Automatic
328 ...	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EAU 22kg	22,00	cepi	0	19/03/201...		18 0	Automatic
328 ...	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EAU 23	23,00	cepi	0	19/03/201...		19 0	Automatic
328 ...	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TEST SCA...	0,00	8	0	30/06/201...		5 0	Automatic
328 ...	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	L2 PETIT ...	35,20	8	0	20/03/201...		20 0	Automatic
328 ...	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TEST MAN	5,00	8	0	30/06/201...		6 0	Automatic

passo	Numero	prodotto	Peso	T*	Scarico	io
1	0	vidange (...)	0,000	0,0	0	0
2	0	vidange (...)	0,000	0,0	0	0
3	1	vfs1 Far...	1,000	0,0	0	0

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Recipe page





RECIPE CREATION PROCEDURE



NEW button

in the top bar press 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)



RECIPE CREATION

PROCEDURE

continued

The screenshot shows the 'ricetta Ricarico' form with the following fields and values:

- CPU:** 230 1_WP230_SM1
- Nome ricetta:** (empty)
- Numero:** 0
- Peso:** 0,00
- Descrizione:** (empty)
- Codice:** 0
- versione:** 0
- pezzi:** 0
- Data memorizzazio...:** (empty)
- Interna:**
- Buttons:** Associata, Linee, inviata, and a download icon.

RECIPE DETAILS

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

The screenshot shows the 'ricetta Ricarico' form with the following fields and values:

- Pesi (KG):** Tolleranza: 0,00; Minimo: 0,00; Massimo: 0,00
- carica in maga...:**
- Tipo:** Automatic
- Silos:** non specificato
- GTIN(01):** (empty)
- GTIN/lotto...:**
- Lotto da prodotto:** non specificato

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





RECIPE CREATION PROCEDURE continued

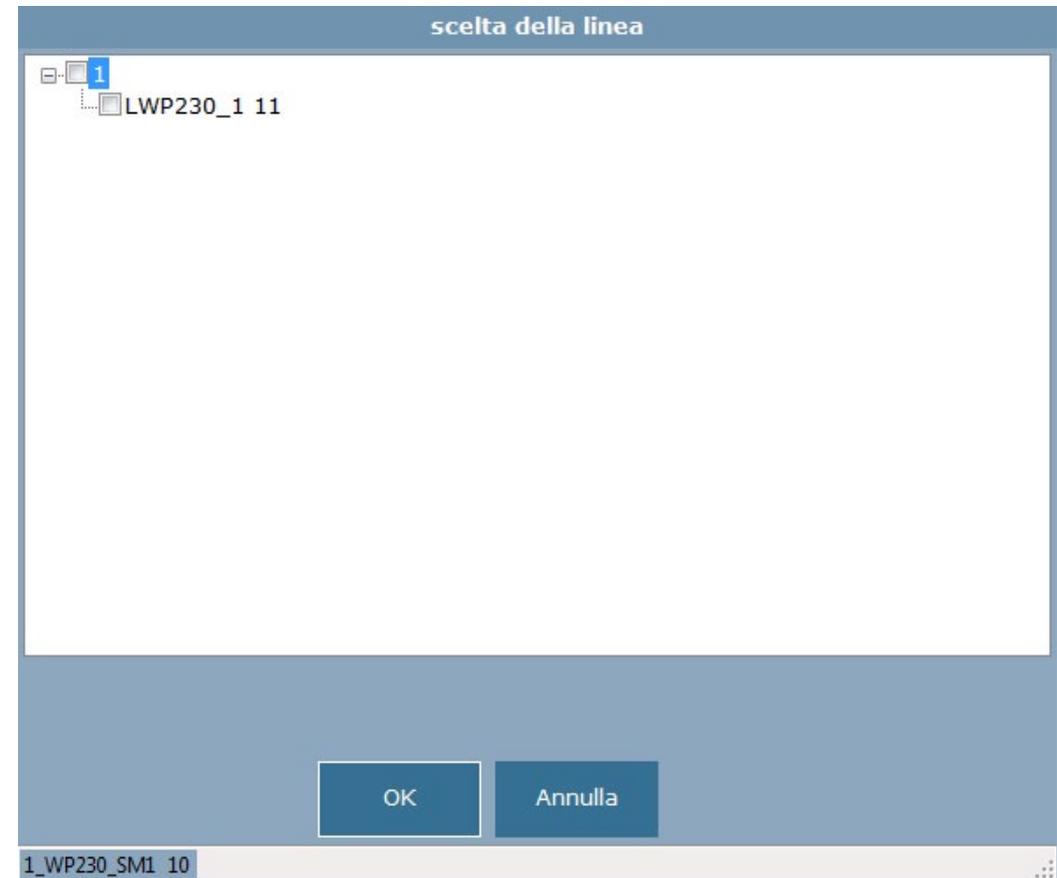


LINES SELECTION

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)





RECIPE CREATION

PROCEDURE

continued



Passi			
passo	prodotto	Scarico	
1	18 Scarico (Scarico)		
Peso	temperatura	Scarico	
0,00	0,00	0	B

STEP DETAILS panel

Enter the recipe steps or modify existing steps

+ toolbar

RECIPE STEPS panel

Steps of the recipe

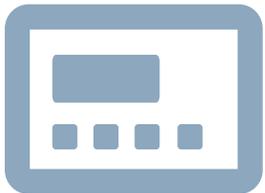
+ toolbar

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-





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

The screenshot displays the CEPI Tracking System interface for production analysis. At the top, there are navigation icons and a toolbar with 't+_x'. Below the toolbar, there are filters for 'Dal' (10/04/2015 00:00:01), 'Al' (27/04/2015 23:59:59), 'Linea' (1 L1 sponge), and 'CPU' (WP300_1). There are also buttons for 'pezzi', 'Lotti', 'Tabella', 'Versioni', and 'Dettaglio ricetta'. A 'SCELTA RICETTE' dropdown is set to 'frmSceltaRicette'.

Numero	CPU	Chiave	Nome	Descrizione	versione	Reso	Data
0	WP300 1	0 49	single	single	0	1	27/08/2014 ...
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	30/08/2014 ...
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	30/08/2014 ...
20	WP300 1	20 49	L2 PETIT C...	.....	0	35,2	20/03/2015 ...
21	WP300 1	21 49	TEST MAN	.....	0	5	30/08/2014 ...

At the bottom of the table, there is a status bar showing 'record 1/17' and a '0,0 0,0' indicator. The CEPI logo and contact information (cepi@cepisilos.com, www.cepisilos.com) are visible in the bottom right corner of the interface.

Consumption analysis





PRODUCTION ANALYSIS EXAMPLES

Consumptions during
a time interval

										
ricetta 5 GARGANELLI						id.985 - qm. WP300_B4				
versione 0			Codice Ricetta 0			pezzi 0				
Peso 183,000			Data 24/23/2014 17.23			Linea (L300B4) Posizione ricetta CPU : 5				
Peso	nr	prodotto	Silos/ associato	Peso	%	temperatura	Scarico	input/output	input/output	velocità
1	4	SEMOLA 4	sm3_SEMOLA4	90,000	49.2	0.000				0
2	9	GLUTINE	sm3_GLUTINE	3,000	1.6	0.000				0
3	10	SBL1 GRANITO	sm_GRANTO_SBL10	90,000	49.2	0.000				0
4	364	MIX BILANCIA:	MISCELAZIONE	30,000	-	1.000				0
5	0	SCARICO B	SCARICO	0,000	-	1.000	SOLIDI			0
6	361	SET RESET OUT	SET RESET	9,000	-	1.000				0
7	363	ATTENDI INGRESSO	ATTENDI INGRESSO	2,000	-	1.000				0
8	362	ATTENDI TEMPO	ATTENDI TEMPO	40,000	-	0.000				0
9	361	SET RESET OUT	SET RESET	9,000	-	0.000				0


 Printed by CEPI TRACKING SYSTEM
 CEPI s.r.l. Via Ansaldo, 15 - Z. L. VILLA SELVA 47122 Forlì (FC) - Italia - Tel +39 0543 940514 - Fax +39 0543 940534 P.iva 01746760402





PRODUCTION ANALYSIS EXAMPLES

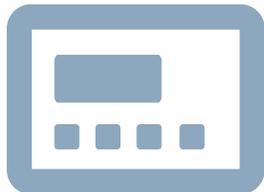


Graphic representing
consumptions during
a time interval





DOSED NETS



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



CEPI TRACKING SYSTEM

SUPERVISION CEPI MASTER



DOSED NETS EXAMPLES

The screenshot displays the CEPI Tracking System interface. At the top, there are navigation icons and a toolbar with 't+_x'. Below this, a control panel includes filters for 'Dal' (05/06/2014 00:00:00), 'Al' (30/04/2015 23:59:59), 'ricetta' (0 singolo WP300_B4), 'refresh' (checked), 'In stampa' (0 Peso), and 'Stampa detta...'. The main area is divided into two tables.

ID	ricetta	Nome ricetta	N°	Linea	Peso net	Lotto	inizio	fine	Set tot
25898	1	GNOCCHI	31	LWP23...	163,200	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	prontosofo...	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	prontosofo...	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	prontosofo...	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	prontosofo...	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	prontosofo...	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...	73,300	20140605	05/06/2014 09:2...	05/06/2014 09:2...	0

The right-hand table provides a detailed view of a specific net:

dasso	Numero	prodotto	set	net	Stato passo
1	1	11 sm3_P...	13,200	45,500	OK
2	6	7 sm3_VTS7	6,600	13,800	OK
3	7	6 sm3_VTS6	13,200	6,600	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

At the bottom, the status bar shows 'record 1/101' and '0/0 0 Peso Totale: 16.608,300'. The CEPI logo and contact information (cepi@cepisilos.com, www.cepisilos.com) are visible in the bottom right corner.

Dosed nets





DOSED NETS EXAMPLES

Dosed nets report

BatchDosaggio.htm

file:///C:/Users/SMONTALTI/AppData/Local/Temp/BatchDosaggio.htm

Condividi su Tumblr Tumblr tumblr.dave.io Test your server for... And if we go down i... tws Nuova cartella nuova feb



Batch di dosaggio 25798

Pos.Nr.	Nome ricetta	Codice	LINEA DI DOSAGGIO	Bilance	T [°C]
2/2	prontosfoglia	0	51 - L.300B5		
pezzi SET	pezzi NET		Codice Batch	T [°C]	0
0	0		0		

Data inizio batch	Data fine batch	Lotto di produzione	Operatore
04/06/2014 23:40:38	04/06/2014 23:40:38	20140605	default

Cicli parziali	Cicli totali	%	Tot. Set [Kg] Device	Tot. Net [Kg]	Diff [Kg]
0/0	2458/5000	100	190	190.1	0.1

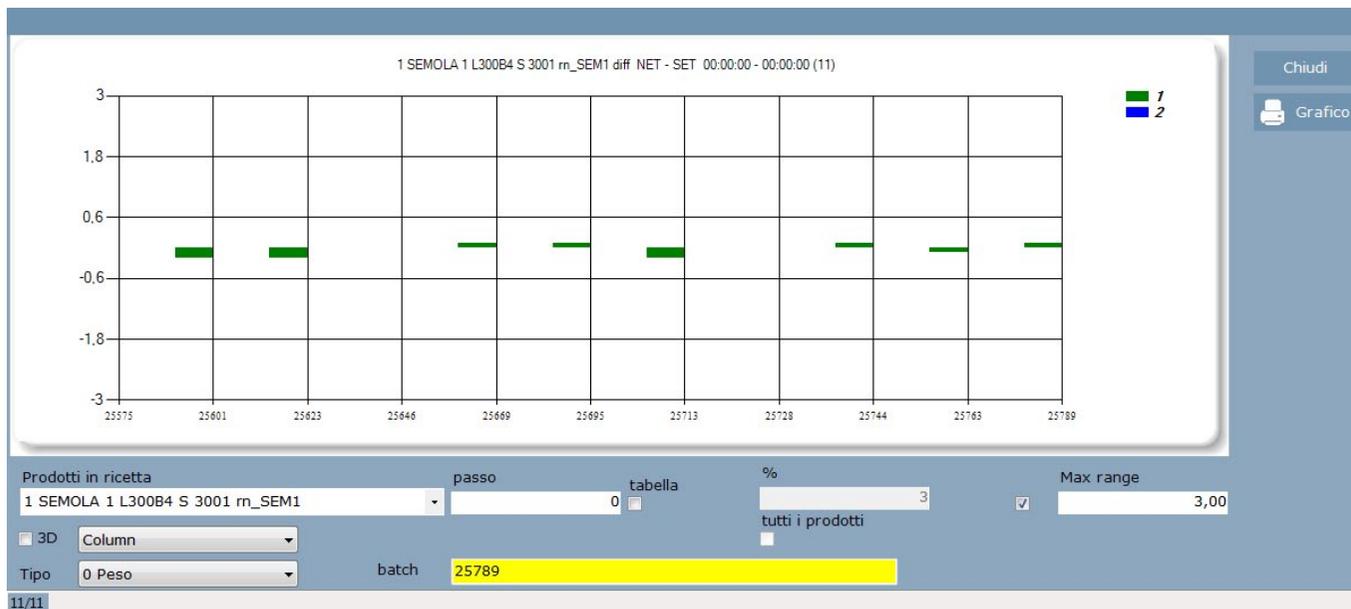
Step	Nr. Ingr.	Nome Ingrediente	Peso Set [KG]	Peso net [KG]	Diff. [KG]	Toller.	T [°C]	LO	(←)	(→)	Tempo	velocità
1			190,000	190,100	0,100							
	1	3001 - m_SEMI										
2	0	0 - SCARICO										
3	0	0 - SCARICO	7,000									
4	0	0 - SCARICO	2,000									
5	0	0 - SCARICO	40,000									

lotto
• 150798
[30.05.2014] [29.07.2014]





DOSED NETS EXAMPLES

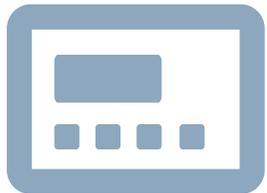


Graphic representing the difference between dosed nets and set-point





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

<
t+_x

Nome
sm3_SEMOLA4

GBL-GLOBOSILOS

Min Max

Giacenza inquinamento

Pesato da
non pesato.

Historico

Nome silos cpu numero e descrizione

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

23.116

Scelta silos
SCARICO

STLOS
frmSiloDettaglio

record 1/1

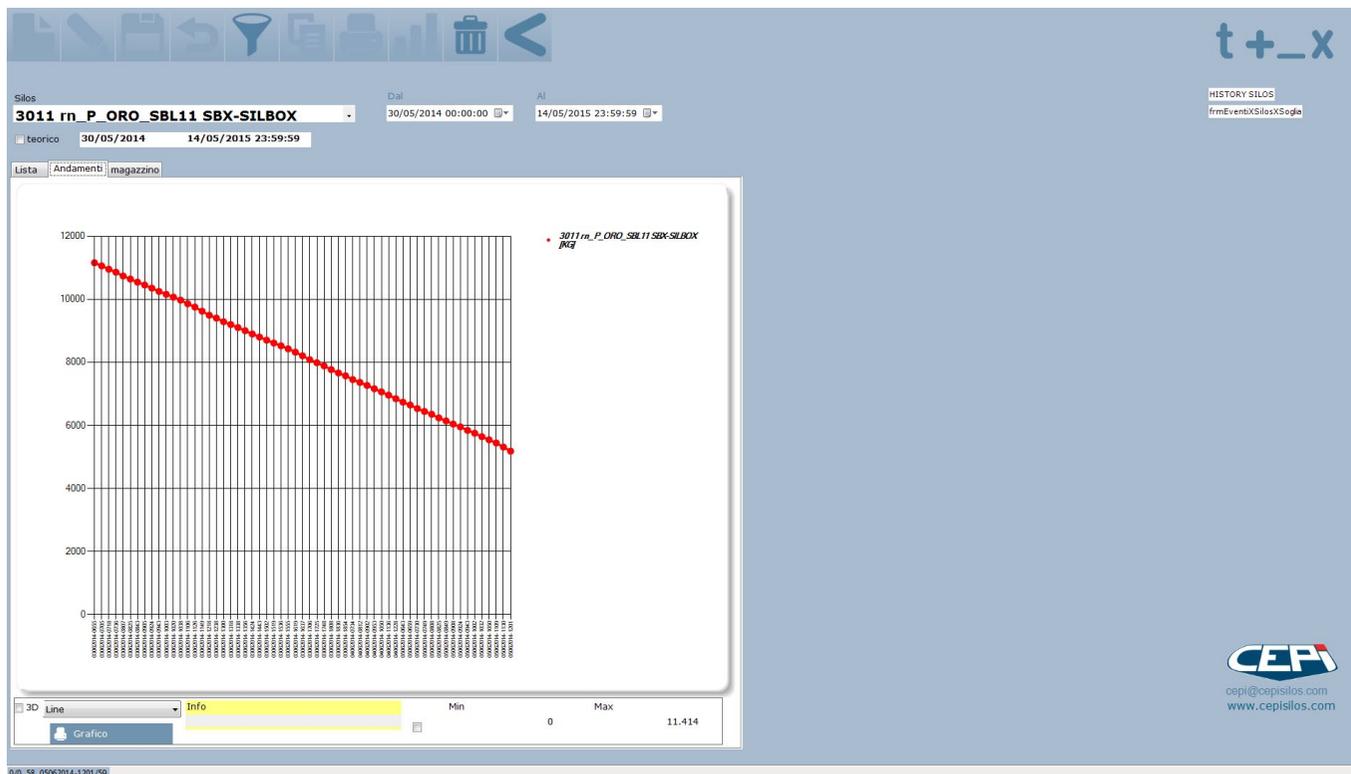
cepi@cepisilos.com
www.cepisilos.com

Silo details





STOCK VISUALIZATION EXAMPLES



History of product inside silo

