

Let's make food safer

Together

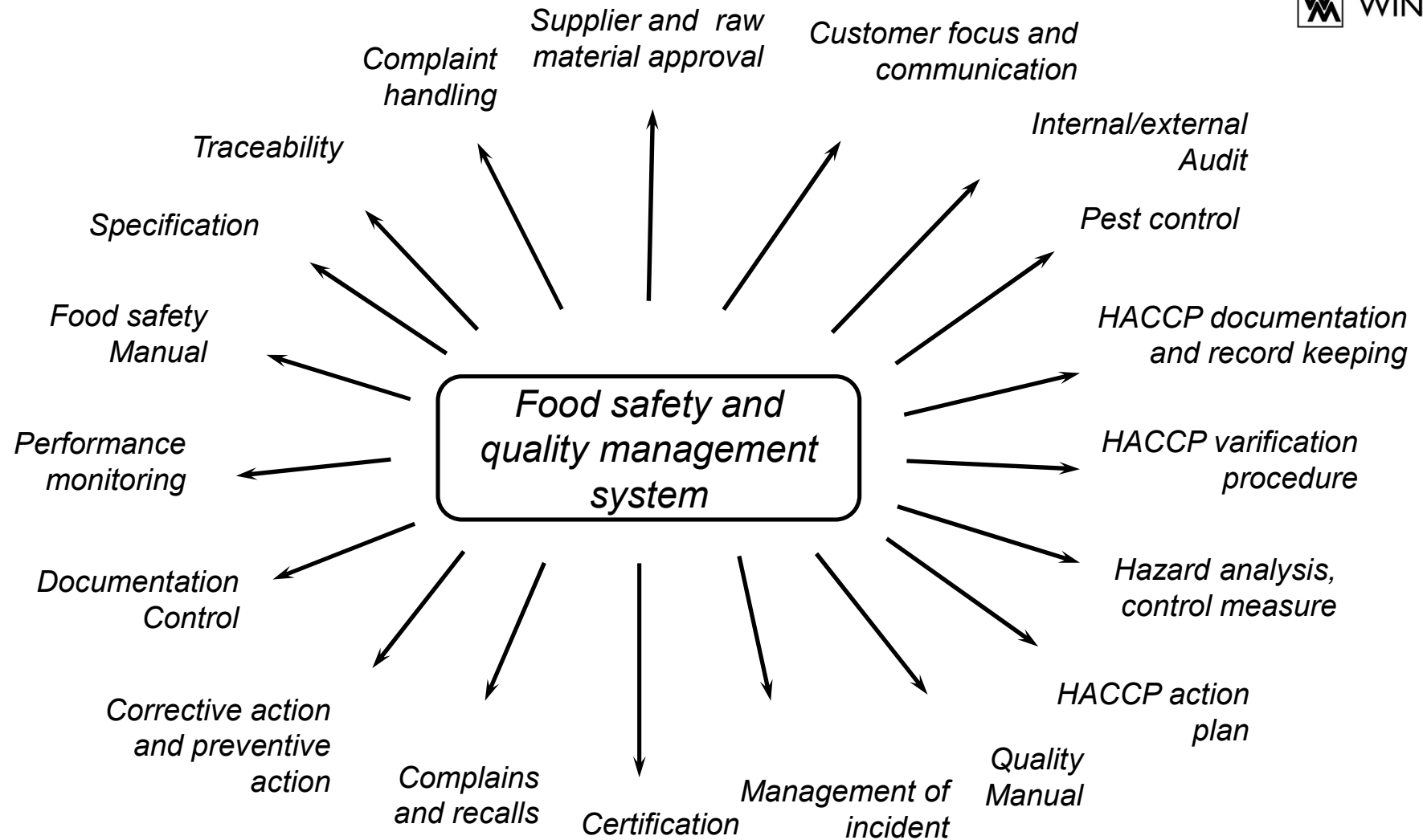
FactoryClean[★]



Right of

Safe Food

Tasks of Quality Manager



What are today's challenges of a Quality manager?



Quality reports - working instructions etc...

Quality procedures

Salesperson	Region Covered	February 2017 Sales	Cost of Sales	January 2017 Sales	Percent Change
Jeffrey Burke	Oklahoma	\$ 28,000	\$ 2,460	\$ 21,238	32%
Amy Fernandez	North Carolina	\$ 23,138	\$ 1,521	\$ 23,212	0%
Mark Hayes	Massachusetts	\$ 25,092	\$ 1,530	\$ 20,454	23%
Judith Ray	California	\$ 21,839	\$ 1,923	\$ 24,610	-11%
Randy Graham	South Carolina	\$ 23,342	\$ 2,397	\$ 20,045	16%
Christina Foster	Delaware	\$ 23,368	\$ 1,500	\$ 17,537	33%
Judy Green	Texas	\$ 21,510	\$ 1,657	\$ 24,951	-14%
Paula Hall	Virginia	\$ 21,314	\$ 2,418	\$ 18,082	18%
Totals		\$ 187,603	\$ 15,406	\$ 170,138	



- Difficult to trace back
- Hard to get an overview of „whats going on“
- Re-active instead of preventive
- Auditing is difficult, take long time, and easy to manipulate
- No benchmarking
- Low efficiency
- High mistake rate
- Etc..

Manual checklists (CCPs)

ITEM/EQUIPMENT	1	2	3	4	5	6	7	8	9	PRODUCT	COMMENTS
FLOOR	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
WALLS	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
CEILING	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
GRID & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
STOVE & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
OVENS	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
TABLE	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
TRAY	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
STOVE & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
STOVE & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
G.P. HOVER	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
WALL SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
TABLE & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
STOVE & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
ROUNDER	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
CRACKER	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BREADER BACK	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
FUDGE	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
FREAGER	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	
BENCH & SHELVES	✓	✓	✓	✓	✓	✓	✓	✓	✓	ACCEPTED	





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Software

Sensors & Equipment

Know-how & Service

FactoryClean[★]



Software

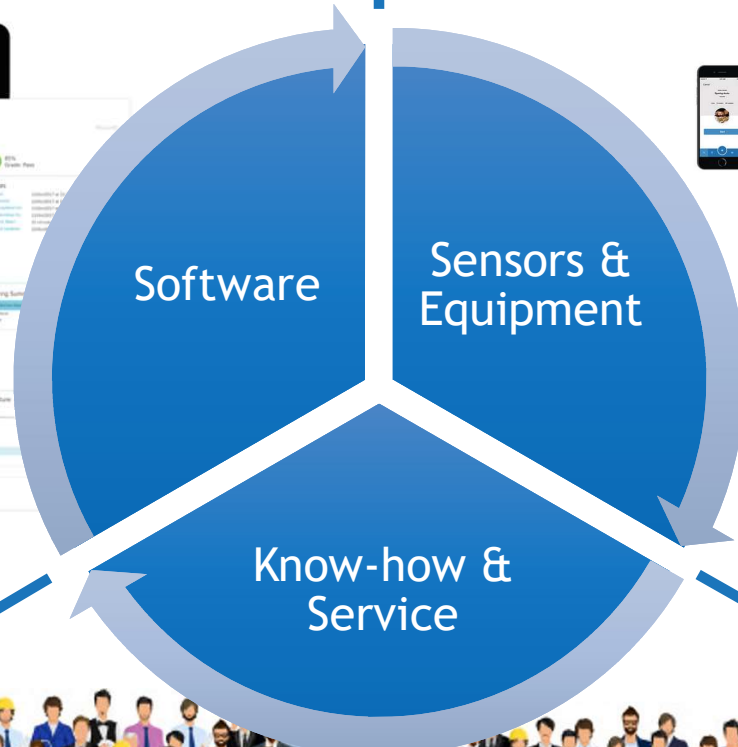
Sensors & Equipment

Know-how & Service



FactoryClean⁺

All in one System - FactoryClean



FactoryClean[★]

Factory Clean - all in one system



Document Management



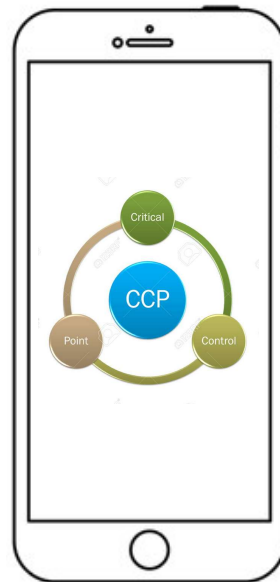
- ✓ Certificates
- ✓ Templates
- ✓ Lab Analysis
- ✓ Cleaning docs
- ✓

Sensors & Monitoring



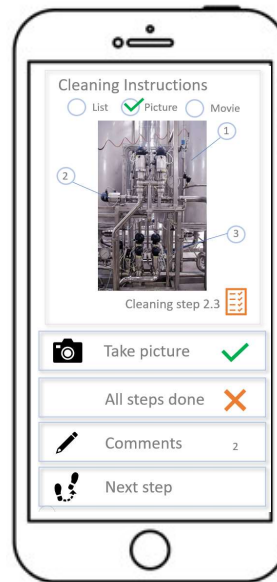
- ✓ Temperatur
- ✓ Humidity
- ✓ camera
- ✓ Mold detection
- ✓ Air quality
- ✓ Dust

CCP Management



- ✓ CCP management
- ✓ Controlling
- ✓ Monitoring
- ✓ Action plan
- ✓

Cleaning



- ✓ Cleaning instructions
- ✓ Cleaning verification
- ✓ Training
- ✓

Health and safety



Additionally

- ✓ Pest control
- ✓ Benchmark System
- ✓ Food Safety News letter
- ✓ Alarm Function
- ✓ SAP Integration
- ✓ Food Safety Index
- ✓ Audit ready with one click
- ✓ Traceability
- ✓ Food safety KPIs
- ✓ Training Mode
- ✓ And much more

Automatic report & Dashboard generation



All in one System - FactoryClean



VS

Ready for internal and external audits with one click



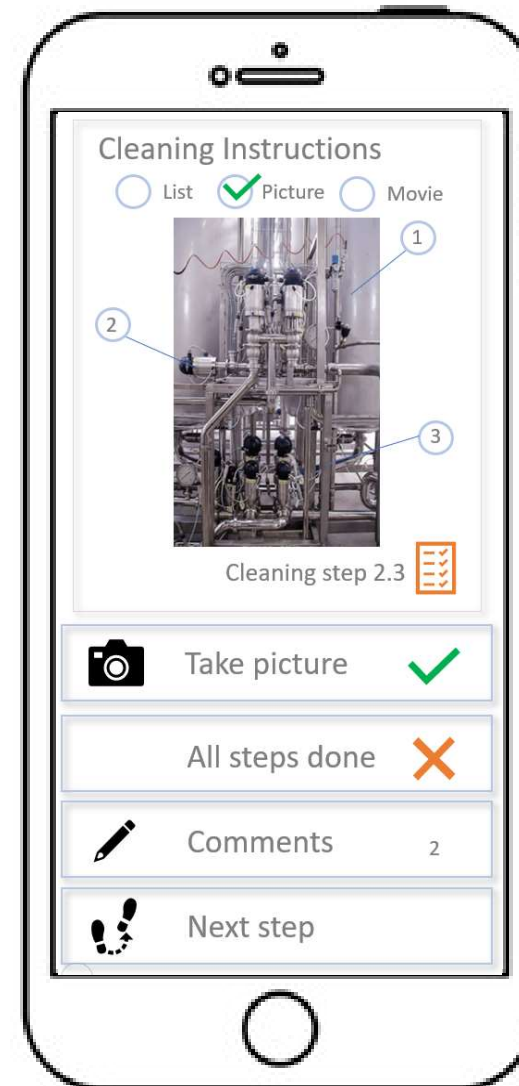
Cleaning Module

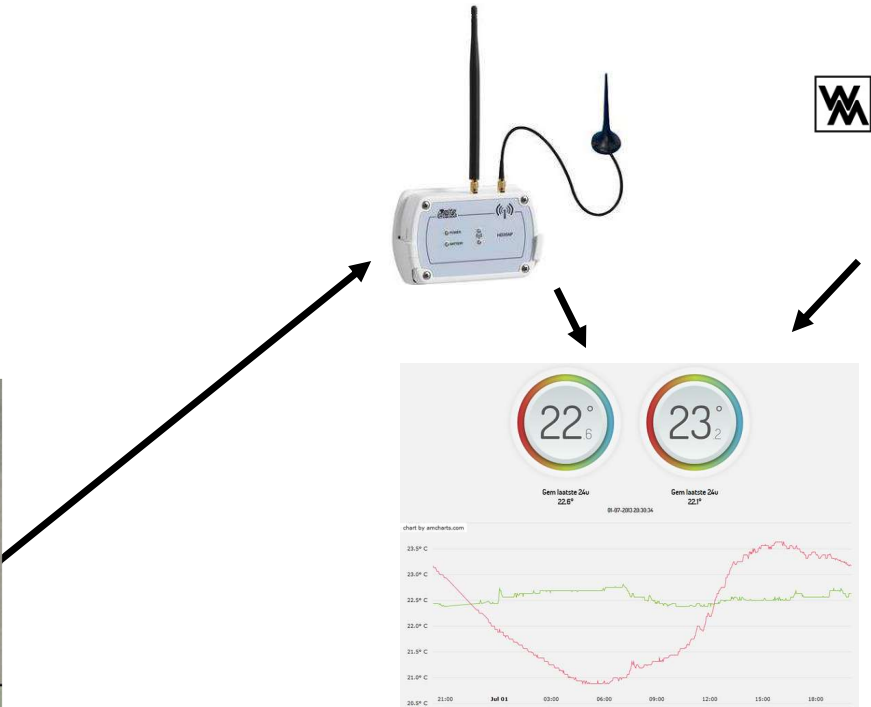
Clear cleaning instructions

- Reduction of mistakes through clear and self explaining instruction (pictures & Movies)
- Proof of „job is done“
- Full traceability of every cleaning step with just one click

Training for cleaning and food safety

- Online Training available (everywhere - anytime)

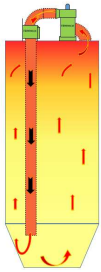




Today	THU	FRI
Sunny	Sunny	More sun than clouds
66° 43°	69° 39°	72° 44°

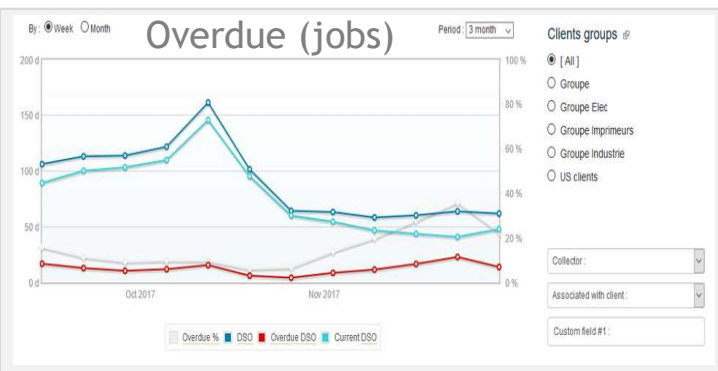


Preventive actions



FactoryClean *Integration Cleaning robot*





Voice of operator

Chat with Jane

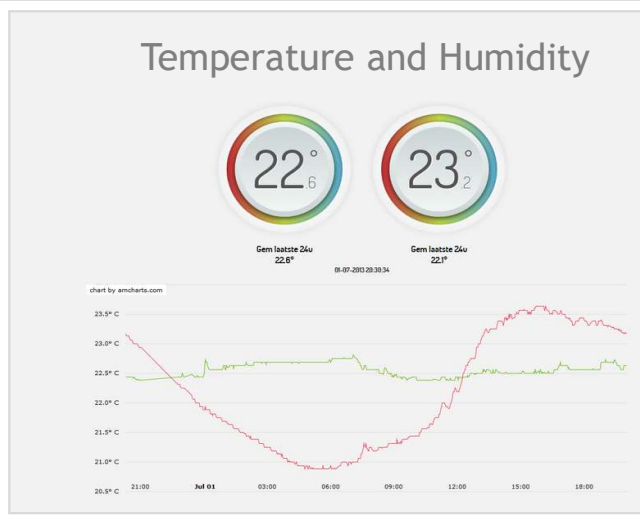
Amy Brown: Hello, How may I help you?
 Jane: I'm looking for running shoes, do you have any available?
 Amy Brown: Sure, let's find several pairs to choose from.
 Jane: Are there any ongoing specials?



Food Safety News

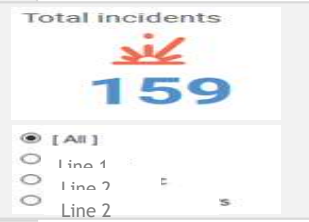
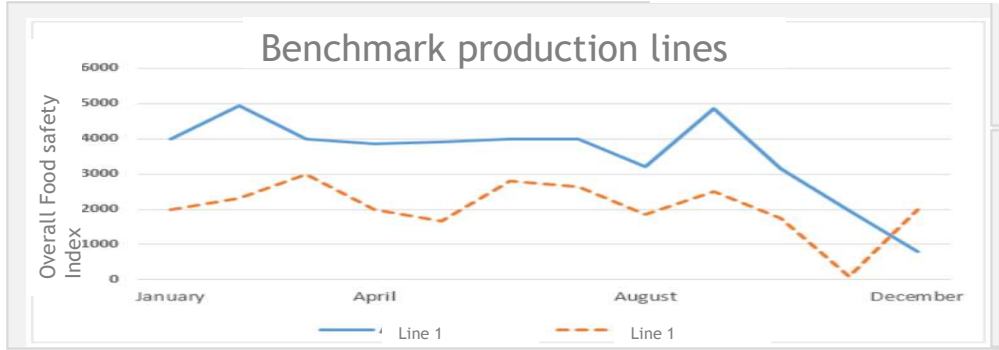
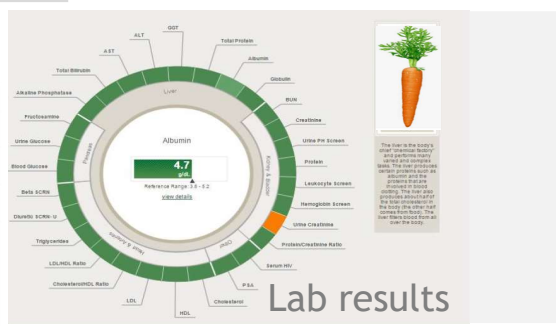
Five ill in English E. coli O157 outbreak; source not identified
 By News Desk on August 15, 2019
 Five people were part of a national E. coli O157 outbreak in England earlier this year.
[Continue Reading](#)

FDA romaine testing downplayed facilities that chopped the heads
 By Coral Beach on August 14, 2019
 See clarification note at bottom
 Today the FDA released findings of a special testing program spurred by the deadly 2018 E. coli outbreak linked to romaine lettuce. It shows somewhat similar results as the outbreak...
[Continue Reading](#)



Job Executions

ID	Status	Started At	Elapsed Time	Details
914536	PENDING	27 Sep 18:27		Details
914535	SUCCESS	27 Sep 18:27	00:00:10	Details
914534	SUCCESS	27 Sep 18:27	00:00:11	Details
914533	SUCCESS	27 Sep 18:27	00:00:15	Details
914532	SUCCESS	27 Sep 18:27	00:00:19	Details
914531	SUCCESS	27 Sep 18:26	00:00:17	Details
914530	SUCCESS	27 Sep 18:26	00:00:13	Details
914529	SUCCESS	27 Sep 18:26	00:00:15	Details
914528	SUCCESS	27 Sep 18:26	00:00:10	Details
914527	SUCCESS	27 Sep 18:26	00:00:10	Details



Critical control points monitoring

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