



CheckStamp[®]



CheckStamp[®] helps you :

- Personal scanner
- Pen & paper not needed
- No manual entry

Wonderware
Benelux

Secure your Daily Awareness

Involve your employees to improve
Safety, Quality and Productivity

CheckStamp[®], provides a simple, flexible and experience based tool to secure inspections, improvements and regulatory compliance. With an implementation of 1 day, you will be able to secure and report your existing inspection and improvement rounds!

www.pstamp.com

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Summary

- Secures:
 - **WHO** has been...
 - **WHERE**, to identify...
 - **WHAT** and exactly...
 - **WHEN**
- Easy implementation within 1 day
- Flexible to generate activity reporting and analysis
- No training needed. (Microsoft Excel® = user interface)
- Compliant with regulatory requirements
- Helps to secure daily awareness and best practices

The most easy and flexible registration system

We know the most underestimated and complex sensors are in the hands of all your employees. Within industry, thousands of paper lists are completed and filed every day. The goal of these lists is universal: **'To stimulate the daily awareness of all employees and continuously improve Safety, Quality and Productivity'**.

CheckStamp® helps to secure your (daily) health and safety checks, monitoring of non-instrumented plant assets, critical environmental inspections, etc. The set-up, use and reporting is easy and flexible. All data is stored in a SQL database, however Microsoft Excel® is chosen as the user interface, so no extensive training is needed.

Simple and experienced based

Improvement is all about empowering people, your people! It sounds simple however the administrative load is often a burden, which prevents continuous improvement to be sustainable.

The administration of **"who has been where, identified what and exactly when"** is necessary to secure activities and improvements. This also includes requirements like ISO, FDA, GMP+, AIB, IFS, Kosher, Halal, Regulatory demands, Departmental KPI's, etc.



Based on Japanese improvement methods, CheckStamp® takes away the administrative load and provides easy reporting through Microsoft Excel®. A simple and experienced based solution.

A license subscription ensures the lowest total cost of ownership and the highest reliability to sustain your gains!

"The most underestimated and complex sensors are in the hands of all your employees"

Hein Winkelaar, founder PSTAMP

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Non-instrumented data

The industry needs employee involvement to provide the company with improvement information. Data is good, but information is better. If we look at an average asset like a pump, your system might provide data on temperature, flow, fluid-density and vibration regarding that specific pump.

However an experienced operator can give you far more information than the data of these 4 sensors will provide you, like the position of a manual valve, oil around the shaft or a small leak on the pumphouse.

Within the industry, 40 to 60% of actions, observations and improvements are “invisible” to the company.



CheckStamp® provides a cost effective strategy for capturing your non-instrumented data and generate an easy standard report or a connection with your own Excel® information list.



“Without standards, there can be no improvement.”

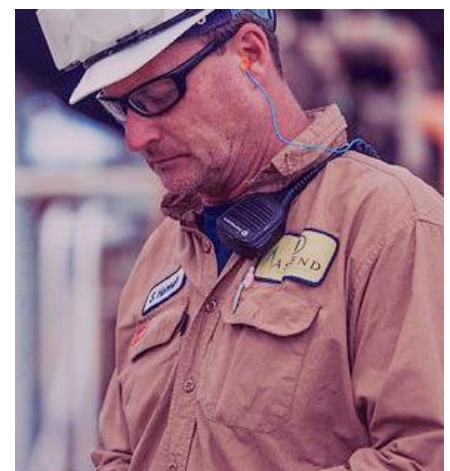
Taiichi Ohno, father of the Toyota Production System

The logic behind improvements

If you look at standardized operating procedures and inspections or when you walk around on the shop floor, the logic behind improvements is very simple. When all employees are aware and are looking for anomalies and deviations, improvement will start.

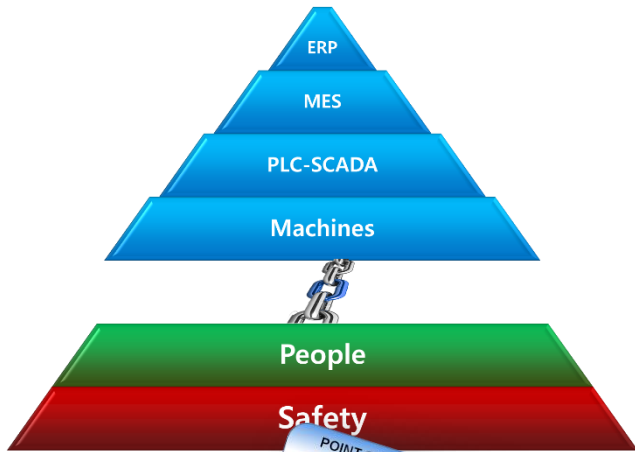
There could be an automated intervention, a solution Wonderware Benelux have been providing successfully for many years. But when a manual intervention is taking place we are moving into a grey area, especially when this intervention is not done on the operator screen.

CheckStamp® is empowering field workers to be part of the reliability solutions stimulates collective behaviour and a culture of ownership between several departments. Anomalies and deviations can be easily registered by employees, using CheckStamp® during their regular rounds.



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Safe production and Goal Zero

At Wonderware Benelux, the safety of your data, assets and employees is our top priority. From ERP and MES, through PLC and SCADA we are automating your hardware for an optimal performance and output. With CheckStamp® we provide an easy way to identify the missing link between instrumented and non-instrumented data.

At Wonderware Benelux and PSTAMP, we believe awareness will improve safe operations and will contribute to your Goal Zero.



Implementing CheckStamp®

The **1day** implementation and use of CheckStamp®, can be explained in 3 steps:

1 - PREPARATION

- Identify your employees and locations/assets in the field, within Microsoft Excel®
- Place your customized (chemical resistant) tag, with a unique barcode, in the field

2 - EXECUTION

- Sign-in employee
- Go to shop floor, inspect location and scan tag
- Choose and scan personal feedback
- Upload scanner

3 - REPORTING

- Results are available in CheckStamp® and you can generate your report within Microsoft Excel®

REPORT				
WHO	WHERE	WHAT	WHEN	
John Jones	Pump 5492	is checked and OK	03/04/2020 08:57	
John Jones	Pump 5493	is checked and OK	03/04/2020 08:59	
John Jones	Pump 5494	is restored to basic setting	03/04/2020 09:05	
John Jones	Pump 5495	is cleaned	03/04/2020 09:08	
John Jones	Pump 5496	is cleaned	03/04/2020 09:09	
John Jones	Buffer 33492	is repaired	03/04/2020 09:09	
Derik Smith	Buffer 33496	situation is reported	03/04/2020 10:11	
Scott Williams	Handvalve 00342	WorkOrder is made	03/04/2020 13:18	
Scott Williams	Handvalve 00343	is restored to basic setting	03/04/2020 13:18	

"The system is very flexible. 3 months after implementation, we expanded the reporting template and tag-options to ensure operational improvements"

Wim Spekking, Babcock baggage systems, Amsterdam Schiphol

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System overview

As an enterprise level software and hardware solution CheckStamp® is used within a wide range of industries. Our connection software language is English and since the user interface is Microsoft Excel®, all Microsoft® languages are supported. CheckStamp® is working on a prepaid license subscription.

Available desktop client/Server Components

Desktop	A system where Microsoft® Windows 10 and Excel are available, with at least 1 free USB-port for CheckStamp® data-connection
Database	CheckStamp® uses Microsoft® SQL database server where system configuration, Report template and collected data resides.

Provided CheckStamp® Service/Hardware

Service/assistance	Quickscan to facilitate and set-up first inspection round and standard reporting template, setting up the CheckStamp® system (desktop provided by customer), user training (2 hours). All services, mentioned above will be done remotely , site visit possible in consultation
Scanners	5 CheckStamp® scanners with belt-clip (Lifetime guarantee, 24hr drop/ship when scanner fails)
Data connection	1 Connecting station to dock your scanner for data upload (FTDI/USB cable)
Labels	1000 unique numbered Industrial grade Point-of-Inspection labels
Employee/Check cards	200 unique numbered Employee cards with 6 Check descriptions

Technical specification CheckStamp® hardware

Scanner	Reading technology - Laser class I (40 scans/s), angle: 5° to 40° Memory (nonpowered flash) up to 9000 CheckStamp® scans (5 digit) with timestamp Bi-color LED Indicator [Good Scan], [Memory Full], [Connected], [Uploading] Audible indicator [Good Scan], [Memory Full], [Upload complete] Data-output ASCII or in XML. Operating temperature 0° to 35° C - Storage temperature -40° to 70° C Shock Several 1m (3.3 ft) drops to concrete Light Source 650nm Laser Diode (Class 1 Laser product) Standard Gap & SPP profiles, CE – FCC –certified, Complies with 21 CFR 1040.1 & 1040.11 Ambient Light Artificial: at least 100 fc - Sunlight: at least 700 fc
Supported barcodes	UPC-A, UPC-E, EAN-8, EAN-13, JAN, Code 39, Code 128, Code 128 EAN/UCC, ITF (Interl 2 of 5)
Operating modes	Batch or Real-Time
Barcode dimension	Max 52 digits, width: 10 cm (4") X-min: 10 mil (0.25mm)
Dimensions	L: 114 mm (4.5"); W: 57 mm (2"); H: 30mm (1");
Weight	70 g (2.5 oz) - 105 g (3.7 oz) with batteries installed
Power	Standard 3 AAA Batteries (rechargeable batteries must be recharged outside scanner)
Battery life	Approximately 6000 scans in 1-3 months (average industrial use)
Labels	Outdoor use, also on severe weather conditions Temperature resistance -40°C until 90 °C (short 160°C) High adhesive power on high and low temperature



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For more information on CheckStamp®, please contact your local distributor, or visit: www.pstamp.com