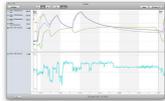


**tna** intelli-sys iPS 3 is an intelligent equipment and plant performance management tool that gives you ultimate visibility among production lines. Using a single smart-system, equipment operators and plant management can detect inefficiencies, optimise production throughput and increase profitability thanks to state-of-the-art data collection and reporting.

**tna's** intelli-sys iPS 3 is unmatched in its ability to collect detailed and reliable data from every part of the production line from processing and seasoning to distribution and bagging and across multiple locations – key to controlling product flows and for safe and effective production. PLC and PC compatible easily integrates with any new or existing system.

## BENEFITS



Gather, monitor and process real-time and historical data for all equipment throughout the entire production chain and across multiple locations

Equipment ID	Parameter	Value	Status
001	Temperature	120.5	OK
002	Pressure	10.2	Warning
003	Flow Rate	5.8	OK
004	Vibration	0.5	OK
005	Humidity	65.0	Warning
006	Power Consumption	1500W	OK
007	Production Rate	1200 units/hr	OK
008	Quality Score	98.5%	OK
009	Material Usage	100kg	Warning
010	Energy Efficiency	85%	OK
011	System Uptime	99.9%	OK
012	Network Latency	10ms	OK
013	Storage Capacity	90%	Warning
014	Backup Status	Success	OK
015	Security Alerts	0	OK

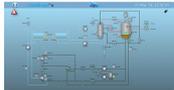
Detect equipment faults quicker than the human eye, regaining control over product quality and food safety whilst minimising downtime and waste



Reduce administrative tasks and improve interdepartmental cooperation through atomisation of information, sharing and presentation.

Setting ID	Parameter	Value	Unit
001	Temperature	120	°C
002	Pressure	10	bar
003	Flow Rate	5.8	l/min
004	Vibration	0.5	mm/s
005	Humidity	65	%
006	Power Consumption	1500	W
007	Production Rate	1200	units/hr
008	Quality Score	98.5	%
009	Material Usage	100	kg
010	Energy Efficiency	85	%
011	System Uptime	99.9	%
012	Network Latency	10	ms
013	Storage Capacity	90	%
014	Backup Status	Success	OK
015	Security Alerts	0	Alerts

Back up all process settings automatically, allowing users to reset back to previous settings reducing the chance of production errors due to incorrect settings



Allow users to control processes locally or at remote locations through a web based system



Integrate the tna intelli-sys iPS 3 into any existing production lines thanks to its scalable, transparent and economical platform

## STANDARD FEATURES

- iOS based technology with easy-to-use interface/dashboard
- Web based system (Google Chrome or Apple Safari) for local or remote control
- PLC and PC compatible
- Plant operations reporting system featuring real-time and historical data
- Shift notes/logbook functionality
- Integrated sticky note/reminder functionality
- Recipe storage for quick and easy product changeovers
- Automatic backup feature for process settings
- Violation and leakage detection sensors
- “Out of tolerance” alarm with auto-stop function and alarm history reporting (customer configured)
- Custom security settings for control privileges / user management levels
- Track and trace functionality for plant energy, waste and efficiency

## OPTIONAL FEATURES

- Connection for third party systems
- IP camera monitoring system (MP4 stream, embedded in the **tna** intelli-sys<sup>IPS 3</sup>)
- Embedded PDF library (for document's such as instruction manuals, spare parts list, or cleaning instructions)

## APPLICATIONS

- baked snacks
- cereals
- confectionery
- dairy
- french fries
- fresh produce
- frozen
- meat & poultry
- nuts
- pasta
- pet foods
- powders
- snacks

## SPECIFICATIONS

tna intelli-sys <sup>IPS 3</sup>	
Compatible web browsers	Google Chrome and Safari
Compatible mobile devices	iPhone 5 installed with iOS 9 and newer iPad 2017 and newer
Number of Devices	Up to 20 devices with 5000 tags each
Number of Clients	Up to 10 remote clients
User management levels	Up to 3 user levels with multiple users

all above specifications are subject to change and may differ according to product, please confirm when placing your order.

TO FIND OUT HOW YOU AND YOUR TEAM CAN GET THE MOST FROM YOUR TNA SOLUTIONS, CONTACT US

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