

SMART Pan Tracking[®] System



The American Pan SMART Pan Tracking[®] System* provides bakeries with valuable, precise data to monitor pan coating life and line efficiency, allowing for proactive maintenance.



SMART Pans

Tags are applied to pans before leaving the American Pan factory. Basic pan data such as dimensions, mould size, and coating life expectancy is entered into a database.



SMART System

Pan sensors and tag readers are installed on existing bakery equipment and connected to HMI. Records of each pan are sent to a secure database which is used to create usage and performance reports.**



SMART Data

A password-protected website provides you access to review data, run analytics, and download metrics critical to your bakery's success.

- **Line Activity:** Number of cycles/bakes and gaps in line activity.
- **Pan Coating Life:** Pan coating life displayed with intuitive color-coding for at-a-glance review.
- **Product Yield:** Theoretical yield calculated based on line activity. Comparing this to actual yields can reveal scrap, lost product, or productivity shortfalls.
- **Line Efficiency:** Pan gaps, or the time between two pan readings, summarized to provide insight into line efficiency.

*U.S. Patent No. 11,124,367 & E.U. patent pending. CE certified.

**Reporting powered by Grafana.

Continued on reverse.

BUNDY BAKING SOLUTIONS:



Baking Pans



Pan Coatings



Release Agents & Applicators

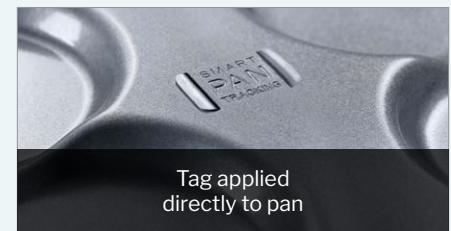


Refurbishment Services

Optional Features

The SMART Pan Tracking[®] System can be configured to your bakery's specific needs:

- **Dual Tags:** Pans can feature single or dual tags for optimal performance for your specific conveyor configuration.
- **Multiple-Line Data:** Data from multiple lines can route to an IoT unit.

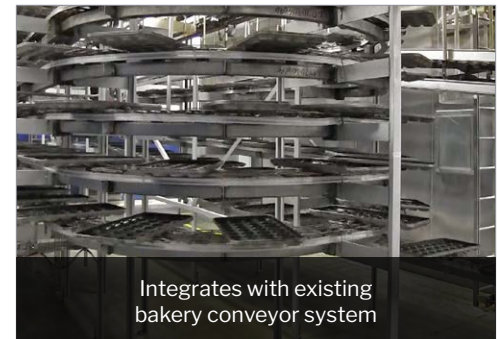
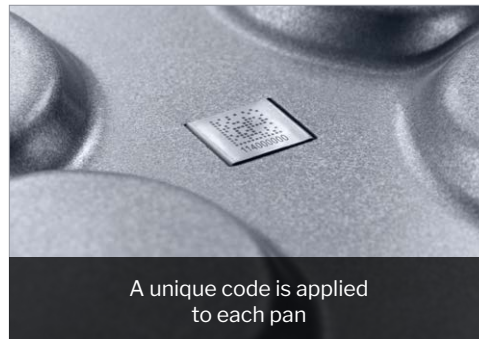
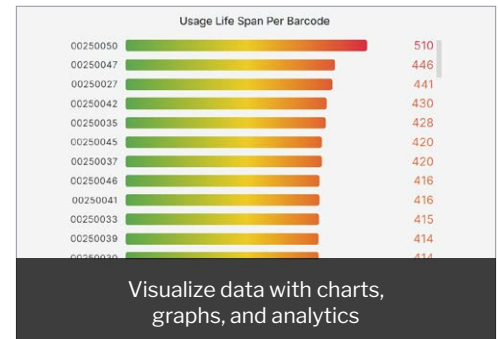
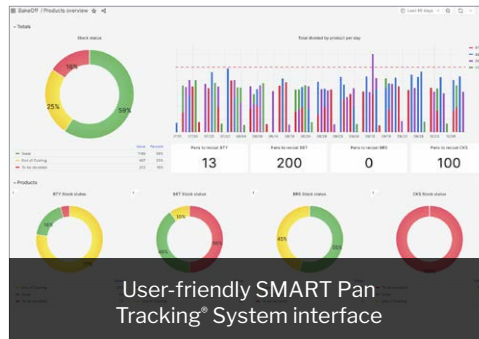


Tag applied directly to pan

SMART Pan Tracking® System: Key Benefits

Monitor pan coating life and line efficiency with the American Pan SMART Pan Tracking® System. SMART pans feature a tag with a unique code that is read by sensors installed on your bakery conveyors which upload activity data for review.

- **Data at Your Fingertips:** Get detailed information on cycles/bakes, pan gaps, coating life, and theoretical yield.
- **Mobile-Friendly:** Access convenient and secure vital operational data nearly anytime and anywhere.
- **Intuitive Dashboard:** Visualize data with charts, graphs, and analytics.
- **Compatible with Existing Equipment:** Use the system in virtually any operation and for any pan type.
- **Complete View:** System can store and display data on multiple pan sets, multiple production lines, and even multiple bakery locations.
- **Alerts & Notifications:** Receive alerts on the dashboard and email notifications when pans are nearing the end of life.



American Pan Manufacturing & Service Locations

MANUFACTURING PLANTS

Urbana, OH | Crescent, PA
Humboldt, TN
Tel: +1.937.652.2151
Email: info@americanpan.com

Bauru, Brazil
Tel: +55 14 2108-4860
Email: apcainco@americanpan.com

Alexandria, Romania
Tel: +40 374 664 600
Email: apeu@americanpan.com

Finspång, Sweden
Tel: +46 122 249 90
Email: info@runex.com

Karaman, Turkey
Tel: +90 338 202 07 70
Email: aliriza@forzapan.com.tr

SALES OFFICES

Malling, Denmark
Tel: +45 23 68 51 85
Email: jalbertsen@americanpan.com

Irlam, England
Tel: +44 (0) 754 578 7968
Email: seaton@americanpan.com

Skelmersdale, England
Tel: +44 (0) 750 004 6724
Email: jhughes@americanpan.com

Wassenberg, Germany
Tel: +49 159 01793507
Email: jzabel@americanpan.com

Waterford, Ireland
Tel: +353 (86) 663 7103
Email: apie@americanpan.com

Milan, Italy
Tel: +34 699 97 42 40
Email: dario@americanpan.eu

Almelo, Netherlands
Tel: +31 6241 08202
Email: ngelici@americanpan.com

Mjøndalen, Norway
Trondheim, Norway
Tel: +47 62 81 33 55
Email: info@runex.com

Cluj Napoca, Romania
Tel: +40 726 757 849
Email: zsimon@americanpan.com

SERVICE LOCATIONS

Irlam, England
Skelmersdale, England
Tel: +44 (0) 161 504 0771
Email: apuk@americanpan.com

Wassenberg, Germany
Tel: +49 (0) 2433 458 13 41
Email: apde@americanpan.com

Barcelona, Spain
Tel: +34 93 781 4600
Email: apse@americanpan.com

Istanbul, Turkey
Karaman, Turkey
Tel: +90 212 883 68 64-65
Email: info@turbelco.com.tr

