



Asset Health  
Monitoring

Early-warning  
Alerts

Remote Resolution  
Management

# Solution Brief

An Augmented Analytics platform and Service 4.0 solution for Condition-based and Predictive Maintenance of X-Ray Screening Systems

# Elevate Asset Performance with Smart Services

## Introducing PM4X, developed by Danlex

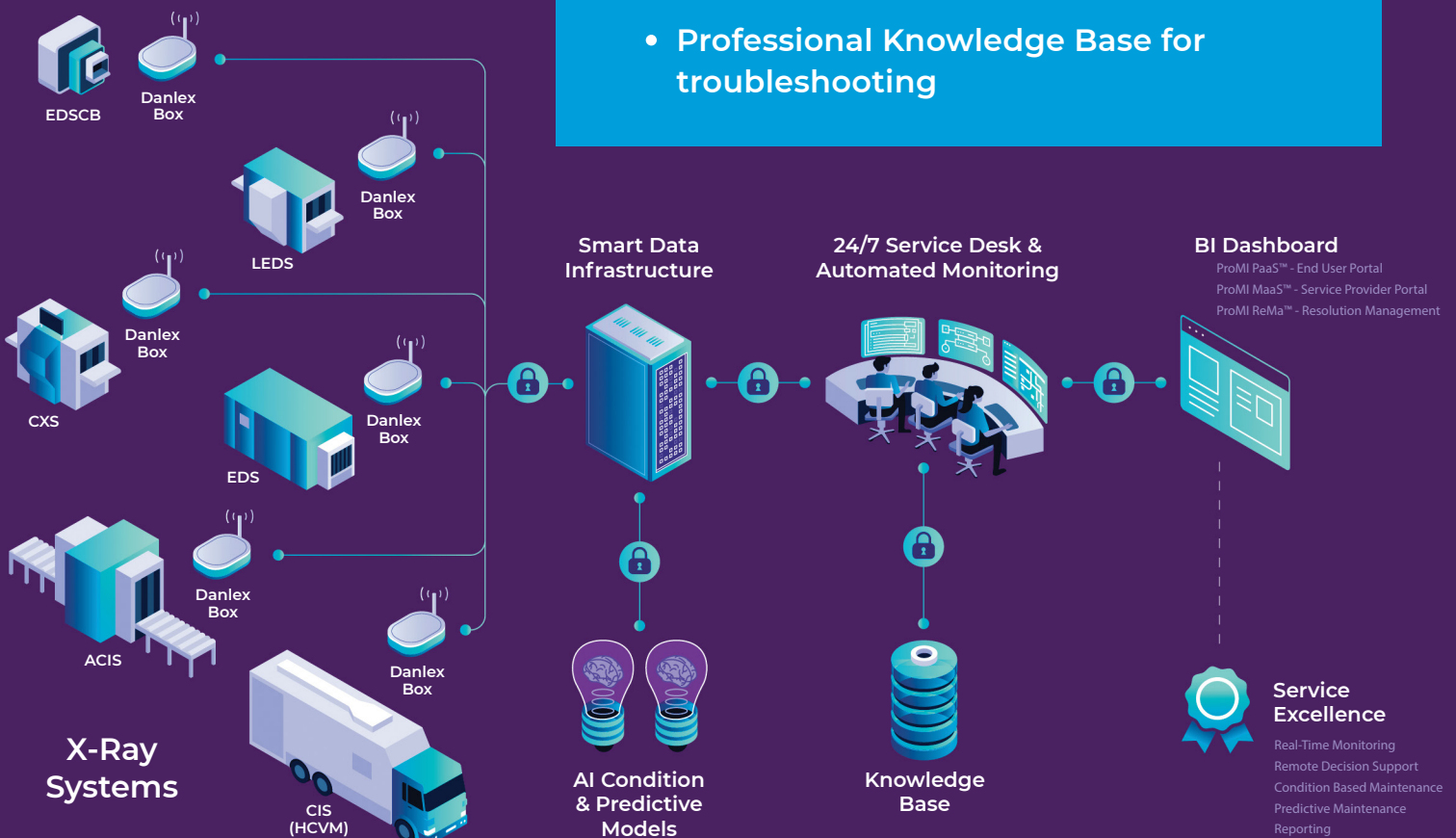
In response to the evolving technology landscape, Danlex presents PM4X, a groundbreaking predictive maintenance solution for X-Ray Screening Systems. Designed to elevate service standards, it delivers valuable benefits for end-users, service providers, and OEM.

As the world's first Service 4.0 solution in our industry, PM4X leverages proprietary industrial IoT and advanced AI. As a result, the solution enables our customers to respond to the growing demands for increasingly higher levels of equipment availability, while optimising equipment utilisation, maintenance costs, and overall TCO.

## Solution Highlights

As a remote asset management tool, PM4X combines industrial IoT with proprietary software, powered by AI and Machine Learning algorithms. Our innovation enables Service Excellence through:

- Real-time monitoring with automatic early-warning alerts
- 24/7 Service Desk & Hotline Support
- Business Intelligence (BI) Dashboard
- Professional Knowledge Base for troubleshooting



# Synergy for Success



High Equipment Availability



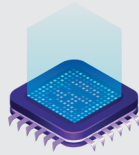
Equipment Effectiveness



Optimised Equipment Utilisation



Reduced Maintenance Costs



Data-Driven Insights



Digital & Green Transitions

## PM4X Applications

Airports

Cargo Companies

Ports

Customs

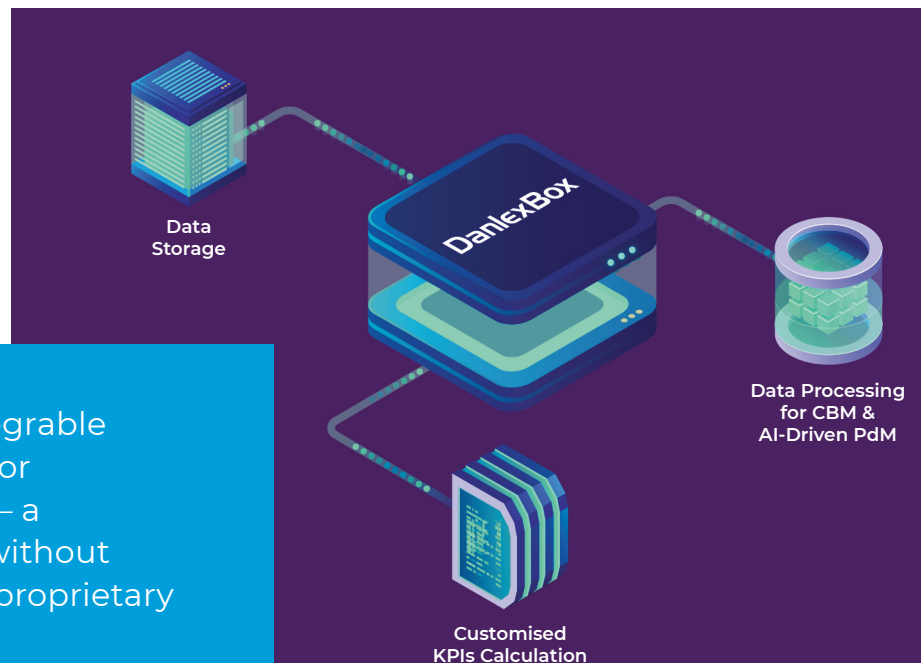
Freight Forwarders

Security Organisations

Governmental Establishments

## Connectivity

Our PM4X Solution is fully integrable and meets the requirements for customer-driven connectivity – a tailor-made solution (with or without installation of DanlexBox, our proprietary IIoT device).



# Key Services

AI-powered Maintenance Solutions for X-Ray Screening Systems

Smart Digital Solutions for Service Excellence

## Cyber Security

Our PM4X Solution conforms to the Zero Trust model and complies with the strictest network, cyber security, and data protection requirements.

Danlex is certified according to ISO 9001, ISO/IEC 20000 and ISO/IEC 27001.



## Take Full Advantage of Technology

Remote asset management and decision support

Streamlined deployment with minimal effort

Smooth operation of X-Ray Screening Systems

## Discuss Your Set-up with Our Digital Solutions Team

**Danlex - Digital Solutions**  
430 Tsar Boris III Blvd.  
1619 Sofia, Bulgaria

[danlex.bg/digital-solutions](https://danlex.bg/digital-solutions)  
[pmt4niis.eu](mailto:pmt4niis.eu) [pm4x.eu](mailto:pm4x.eu)



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План за  
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