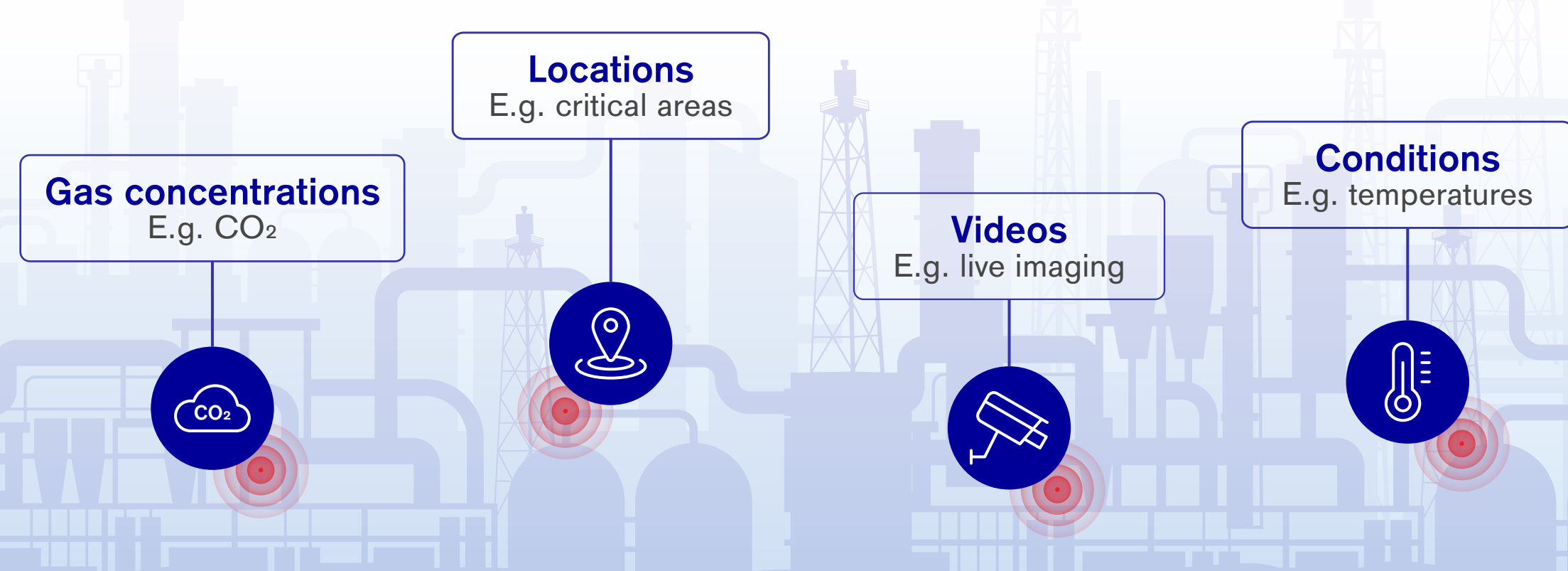


DATA SECURITY CONCEPT FOR LIVE MONITORING SOLUTIONS



Data collection

Live Monitoring turns individual products into one smart system that provides information to specific stakeholders. This is crucial to the safety of workers and site efficiency.



The platform

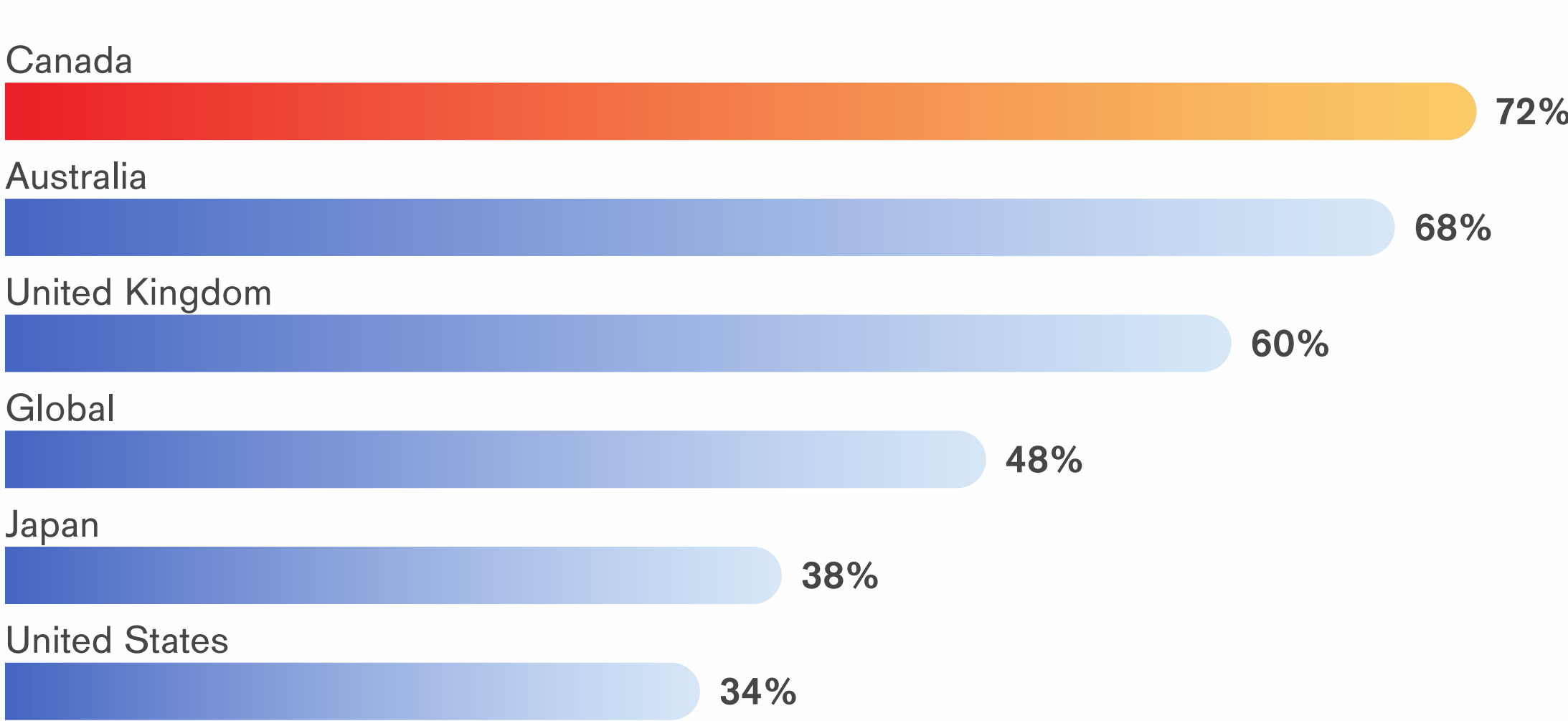
Live Monitoring connects gas detection devices and other safety solutions with a fully managed and secure cloud-hosted back-end. The collected data is visualised in a web-based front-end, which contains historic and live data for preventive and alarming purposes.



Data security in critical infrastructure

The rise of cyber attacks worldwide has shown the vulnerability of critical infrastructure. At Dräger, cyber security is paramount during the development of all our Smart Safety solutions.

Share of organizations worldwide that are at risk of a cyber attack in 2022, by country*



Top cyber threats in the European Union**



RANSOMWARE

Nearly two thirds of affected organisations may have paid ransom demands



MALWARE

Adware trojans were downloaded 10 million times in June 2022 alone



SOCIAL ENGINEERING

8 out of 10 data breaches involved a human element

Sources:
* 2022 Voice of the CISO, proofpoint
** European Council, European Union Agency for Cybersecurity

Our software development process

Using the example of Gas Detection Connect



Azure Cloud

Our software infrastructure has been developed in partnership with Microsoft®. They are one of the world's leading companies in cyber security with over 3,500 experts.

The software is continuously tested and assessed using vulnerability libraries like OWASP Top 10 or the National Vulnerability Database. The development and infrastructures are highly automated, allowing for quick release times in the case of necessary security fixes.



NORMS AND LAWS

In compliance with the following ...

- ISO9001 and ISO27001
- GDPR Compliance (Europe and Australia)
- DSGVO (Germany)
- PIPEDA (Canada)

... but not exclusively.

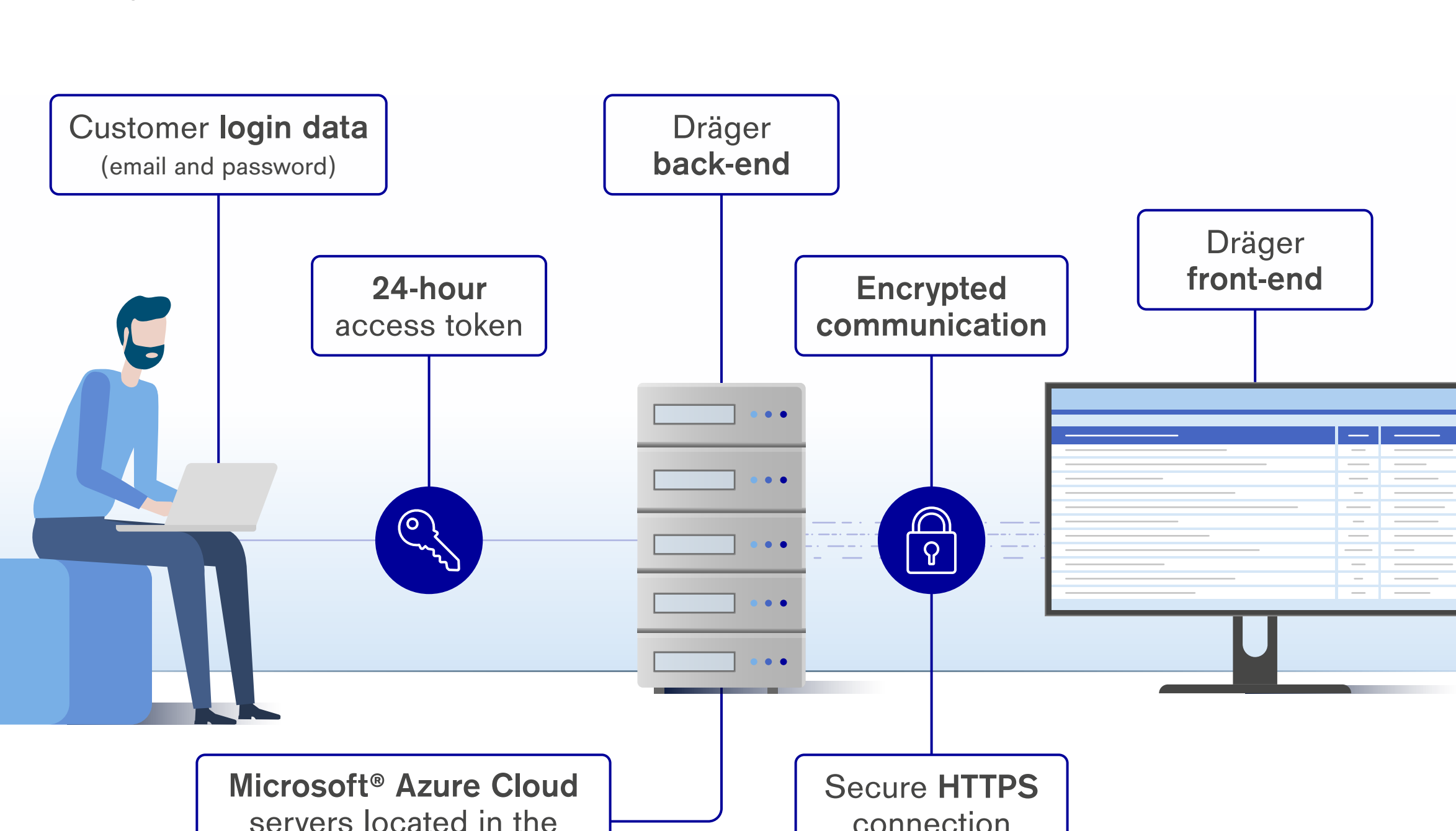


DATA PRIVACY

- Access to restricted personal data
- If no alarms are recorded, data is overwritten after shifts
- Separation of system architecture prevents unauthorised access

Data storage and access

Our Software-as-a-Service (SaaS) solution Gas Detection Connect uses Microsoft® Azure Cloud. The software is accessed via a browser and no data is saved locally. Operated by Dräger and hosted by Microsoft®, only the customer owns the data.



Reduce your costs with our SaaS solutions

DESKTOP PC

On-premise (local operation)



SMART SAFETY

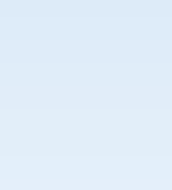
Software as a Service (cloud back-end)

ONE-TIME LICENSE

YEARLY LICENSE

- Implementation into local network and Customization
- Server
- IT personnel (incl. training)
- Support (requirements, updates, fixes, patches)
- Maintenance (upgrades of hardware, network and databases)
- Ensuring it security
- Taking care of incidents and downtimes

- Implementation and Customization



Reduce costs by up to 95%. Compared to On-premise solutions, Software as a Service has much lower fixed costs.

ON-PREMISE

(X-Dock Manager)

SAAS

(Gas Detection Connect)

€38,000 per year

€1,600 per year



With 130 years of experience in life-saving technology, Dräger supports you across every phase of digital transformation in occupational and plant safety. Our Smart Safety Solutions can help you to capture and analyse data faster, streamline your processes, and increase safety at your work site.



Smart Safety – connected safety solutions

This is a concept of data security for live monitoring Dräger solutions. Please ask our experts for individual, product-related information.

Learn more at www.draeger.com/Live-Monitoring

