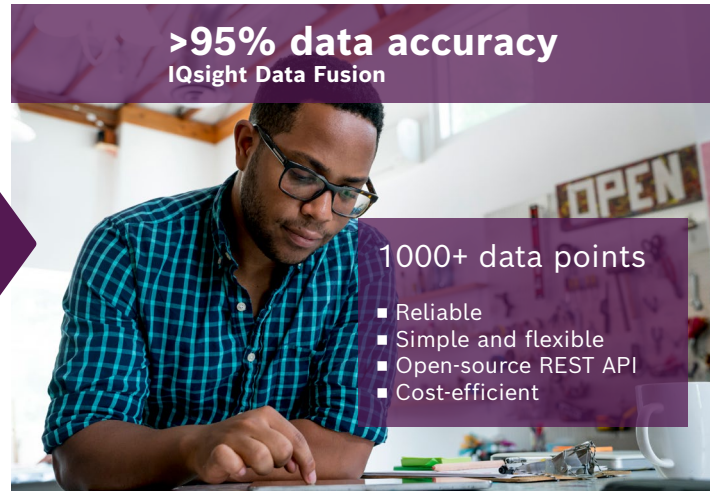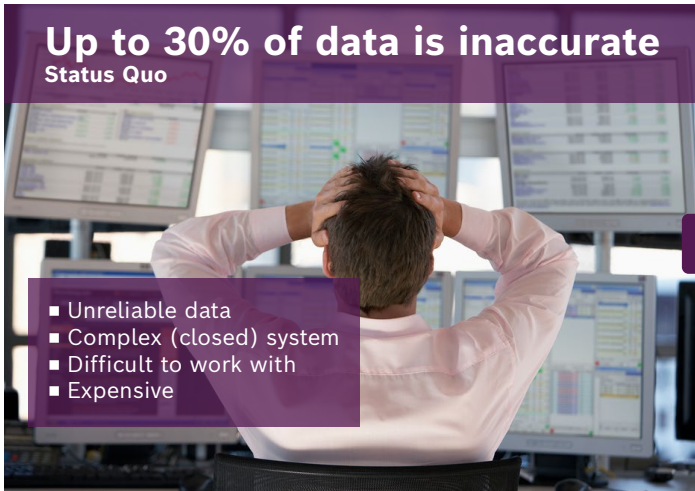## IQsight Data Fusion: Harness the power of data

Data plays a crucial role in decision-making across all facets of business. Video accounts for nearly half the estimated 329 million terabytes of data generated daily, 60 times more than a decade ago. Despite the abundance of available data, a significant portion often goes unused for various reasons. And businesses frequently struggle to extract insights from data, hindering decision-making and leading to poor outcomes.

IQsight Data Fusion is a cloud-based video security solution that offers reliable and secure data insights for increased safety and efficiency. It transforms unstructured raw video metadata into an analytics-friendly format, amplifying decision-making. The only requirement is a Bosch camera, eliminating the need for additional data architects and dedicated analytics hardware and maintenance. Its broad application suits many industries, including cities and traffic, education, energy, retail, and healthcare.

How it works

IQsight Data Fusion uses the edge-enabled analytics engine of Bosch cameras to generate a seamless and precise metadata stream. This stream provides comprehensive information about objects, their attributes, and functions within a scene. With an impressive accuracy rate of over 95%, users can leverage their video footage to enhance security measures and explore many analytical applications. The Bosch cameras capture a wealth of valuable metadata, including object classifications, descriptive features, directional trajectories and speeds, timestamps, duration within specific areas, and real-world coordinates derived from the camera's calibrated view.

Up to 30% of data is inaccurate
Status Quo

- Unreliable data
- Complex (closed) system
- Difficult to work with
- Expensive

>95% data accuracy
IQsight Data Fusion

1000+ data points

- Reliable
- Simple and flexible
- Open-source REST API
- Cost-efficient

- **Collect metadata instantly.** Connect Bosch cameras to the IQsight Data Fusion cloud service via the Bosch Remote Portal and start visualizing your data immediately.

- **Make informed decisions.** We transform the unstructured video stream into an organized and readable dataset designed for analytics, empowering you to generate visual insights and trends to aid decision-making.

- **Increase efficiency.** Save time by avoiding VMS data analysis and export limitations. The API offers seamless integration with common tools like Python and Power BI for advanced data analysis.

- **Minimize costs.** No additional physical hardware is required, eliminating costly and complex deployments. A single Bosch camera with a license is all that's needed.

- **Easy to use.** This simple and flexible solution can be used as a standalone data source or combined with other applications and data models for increased value.

Ordering information

CBS-ITS-DCM	Fusion cloud service: IQsight Data Fusion cloud service enabling processing, retention, visualization, and API access to data for one camera per year
SVC-ITS-RCC	Remote commissioning service: Remote service to initially configure one camera for the IQsight Data Fusion cloud service

Guided by the Power to Predict

AI-driven solutions from Bosch help you make smart decisions and respond proactively to minimize risk and potential damages. Ultimately, we want to empower you to know what's next. We call this the Power to Predict, our guiding principle. And we're here to support you every step of the way.

Learn more