

Packwise GmbH

Product and technology

Packwise Smart Cap

Packwise GmbH has developed the Packwise Smart Cap. It is an IoT device, i.e. intended for use in the Industrial Internet of things. The hardware unit, which is about the size of a palm of your hand, can be easily and conveniently applied to any type of plastic IBC (Intermediate Bulk Container) as well as stainless steel IBCs. Thanks to its plug-and-play capability, the Packwise Smart Cap requires no transmitter or receiver infrastructure and can be used immediately and worldwide.

The Packwise Smart Cap creates a digital twin of the IBC. Its sensors provide high-precision data in real time on the location, fill level and ambient temperature of the container. Motion sensors ensure intelligent and motion-controlled transmission intervals. The exact determination of the location enables a precise overview of the IBC fleet. Shock sensors also provide information about vibrations or tilting of the moving IBCs.

Packwise Flow

The collected data is transmitted end-to-end in encrypted form to the Packwise Flow platform developed in-house. The web application, whose server is located in Germany, not only allows the tracking of key performance indicators and the entire tracking history. Push messages are used to inform the user about changes in IBC properties and processes can be automated. An interface for connection to third party applications and ERP systems can be provided.

Further information and printable photo material can be found at: www.packwise.de/presse

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