

Health & Care Management

4/2020 · April 2020

UNOFFICIAL ENGLISH TRANSLATION

The original article was published in German in Health & Care Management, a trade magazine published in Germany. Prepared for CRETEC. The German original remains the reference.

Health & Care Management Ausgabe 04/2020
Effizientes ID-Qualitätsmanagement



CRETEC Pressemappe

Stand: 05.2020

Seite 6 / 116

Efficient ID quality management

Only the first article page (52) is present in the supplied PDF. It ends mid-sentence and the continuation could not be located. This is a translation of the supplied excerpt, not the complete magazine article. Historical medical-device, standards and warranty statements remain as printed. Original publisher artwork, logos and advertisements are retained in their original language.

Reliable identification and code verification

Efficient ID quality management

Guaranteed quality assurance and complete traceability of pharmaceutical and medical-technology products using codes are standardised requirements and essential for patient safety and legal certainty.

Robust identification-system hardware and software, proven in industry, opens up many previously unused possibilities in hospitals for cost savings and improved patient safety and legal certainty. Complete quality assurance has been an internationally standardised obligation in industrial sectors for many years. Across medical technology, UDI (Unique Device Identification, FDA) guidelines apply to code verification under ISO/IEC 15415/TR29158.

Hygienically optimised, high-performance identification readers provide reliable identification processes with extremely simple operation and are an important economic factor in optimised workflows. Whether codes are printed, laser-marked, dot-peened or engraved, a read rate close to 100% is always achieved. Compact, robust metal housings with high protection ratings allow code readers to be disinfected without difficulty. They withstand hard impacts from accidental drops. Internal data preprocessing ensures that only results enter the business network. Cretec's portfolio, for example, meets these requirements. A five-year device warranty also provides long-term operational reliability and a favourable return on investment.

Without quality assessment, poor codes are only recognised



The universal verifier's simple operation and rapid installation enable many new applications, even in harsh environments. It provides high computing performance independently, without a PC.

when reading problems arise. Errors in 1D, 2D, label or direct part marking (DPM) codes can have negative or serious consequences and cause costs throughout the process chain. Additional costs may arise from remarking, reduced read rates, rejects or false rejects, complaints, recourse or liability claims and problems with quality certification.

The trump card: flexibility

Not every code verifier supports all standards. Previously, users had either manual inspection stations with a PC or laptop, or elaborate systems integrated into production lines. VisionTube is a self-contained, complete,

universal code verification system that can serve as a manual station or an inline system with simple operation and installation. This concept offers many flexible applications in harsh environments or where hygienic requirements are higher. Reliable code-quality inspection takes place at the touch of a button, by sampling or through triggered automated series inspection. It operates independently without a PC and is made in Germany. Its detailed verification results enable early...
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Bild: Cretec

HCM | 11. Jg. | Ausgabe 4/2020

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