IIoT Solved. Vision AI for medication verification

New AI technologies can help reduce medication errors

Medication errors are more common in nursing homes than many realize. Each year, the Food and Drug Administration receives over **100,000 reports of medication errors**, with a significant portion originating from nursing homes. These errors can also occur in pharmacies, hospitals, and patient homes. Medication errors may happen due to improper prescribing, incorrect preparation or dispensing, data entry mistakes in computer systems, or patient misuse. They can involve prescription drugs, over-the-counter medications, vitamins, and supplements.

deviceWISE AI provides a watchful eye on prescription fills

Using the newest Vision AI technology from Telit Cinterion, Technotects has created a tabletop computer vision system that can guide healthcare professionals in correctly filling each day of a patient's medicines per their prescription. Every pill has a unique shape, color and identifier and an associated AI model was trained for each. Simply place the pill canister under the camera and within a second the software will confirm the selection. Although still in development, this technology shows great promise to aid healthcare professionals in identifying and verifying medicines before they get administered to patients.

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