

AEDICAL DATA SENSING

REVOLUTIONIZING MEDICAL DATA CAPTURE: SNAP&GO[™]'S IMPACT ON EFFICIENCY AND SAVINGS AT A US TRAUMA CENTER

RESULTS, BY THE NUMBERS:

\$1,582,789 ROI USING IMAGE RECOGNITION TECHNOLOGY

2,145 HOURS SAVED/YEAR REDUCTION IN POST-PROCEDURAL ADMIN TIME

\$197,340 ANNUAL SAVINGS

ELIMINATION OF THE NEED FOR BACKFILLING RNS, LEADING TO SUBSTANTIAL COST SAVINGS

THE SOLUTION:

Snap&Go[™] technology uses computer vision to capture images of product packaging. Al and machine learning quickly identify items using a global SKU database. This system simplifies the data capture process to a 3-second 'snap,' ensuring accuracy and efficiency in item and charge capture across hospital systems. This case study delves into the transformational journey of a leading US Trauma Center as they embraced the Snap&Go™ technology, a groundbreaking computer vision data capture system. Initially burdened by inefficient and error-prone data capture methods, the Trauma Center faced significant challenges in accurately recording high-value items used during surgeries. Snap&Go emerged as a technological leap forward, shifting the paradigm from traditional barcode scanning and manual entry to an Al-driven, image-based system. This change not only streamlined the data capture process but also had farreaching implications for billing accuracy, inventory management, and overall operational efficiency in a highpressure medical environment.

Existing System Weakness:

- Reliance on barcode scanning and manual data entry, leading to incomplete EMR records.
- Time-consuming and error-prone manual keying-in of data.
- Inability to audit all high-value cases due to resource limitations.
- Staff challenges with data collection during surgeries, leading to unrecorded items



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