

TECHNOLOGY



CSSD WORKFLOW SUPPORT SYSTEM

System Components



Main Functions

- Simultaneous multiple recognition of instruments and counts
- Set components analysis (missing/redundant/extra)
- · Managing number of uses and period for each instrument
- Interface with hospital legacy systems (ERP/EMR)
 - → integrating both patients and instruments management
- Tracking each instrument history aligned with CSSD work flows (Wash, Package, Sterilize, Use, Return)
- Managing stock Inventory in real time
- Tracking each instrument's maintenance history in real time

Expected Benefits

- Prevent instruments missing and recognition errors
- · Minimize infection accidents and human errors
- Improve asset operation efficiency with instruments life-cycle management
- · Reduce CSSD and OR work hours
- Real-time inventory management and purchase plan optimization
- Consolidate UDI-based traceability and regulatory compliance

Reference (General Hospital in Korea)



- 820 beds, over 75,000 reusable instruments and 400 sets managed daily
- Proven reliability with 0.0% recognition error rate
- · Interface with hospital EMR system

Competency Analysis

ltem	QR/BarCode	RFID	ClariTrace™
Recognition Rate	Low	High	High (100%)
Recognition after Wash	Low	High	High
Extra supplies	None	Required	None
Installation	Easy	Complex	Easy
System Interface	Low	High	High
Automate Recording	None	Partially supported	Fully supported



simstech_sales@simstech.co.kr E-mail

Phone +82-31-425-9622 FAX +82-31-425-9623 Homepage www.simstech.co.kr

경기도 안양시 동안구 흥안대로 427번길 38,816호 Address

#816, Heungan-daero 427beon-gil 38, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea

