

BYOND.US – an IOT Healthcare Company

TrackStar IS A TOOL FOR THE *WHOLE HOSPITAL* TO BE SAFER AND MORE EFFICIENT

COMPREHENSIVE ENTERPRISE SOLUTION: *Cumulative Layers of ROI, generated from a single underlying technology, simply by adding \$0.10 to \$10 tags.* The whole hospital benefits from a single scalable, integratable technology.

HOSPITALS MUST CHANGE TO SURVIVE NEW LEGISLATION/REGULATION: Hospitals are experiencing *significant margin compression* due to exogenous forces and escalating costs. Exogenous forces that either increase operational expenses and/or reduce revenue include HCAHPS, and changes to *reimbursement models* like MACRA and BPCI.

IMPLEMENTING A RAIN RFID + RTLS INFRASTRUCTURE allows TrackStar to have continuous inputs for tracking/locating all of the important assets in the hospital. TrackStar’s powerful analytical engine provides real-time, actionable information to both care givers and managers to drive quality, safety and efficiency gains across the enterprise.

PROBLEMS SOLVED VIA TRACKSTAR

1. Asset Utilization – reduce search times and hoarding
2. Work Flow – improve patient outcomes; interactions, hourly analytics, queue busting
3. Hand Hygiene – improve *actual (vs. reported)* hand hygiene compliance to >90%
4. HAI Forensics – list all personnel, equipment and supplies which moved into or out of a quarantined room
5. Patient Care – rounding, ambulation, pressure ulcers, fall angel, nurse call response times
6. Operating Room – faster room turnover & accurate preference cards
7. Inventory – reduce OOS and expiration loss, optimize par values facility-wide

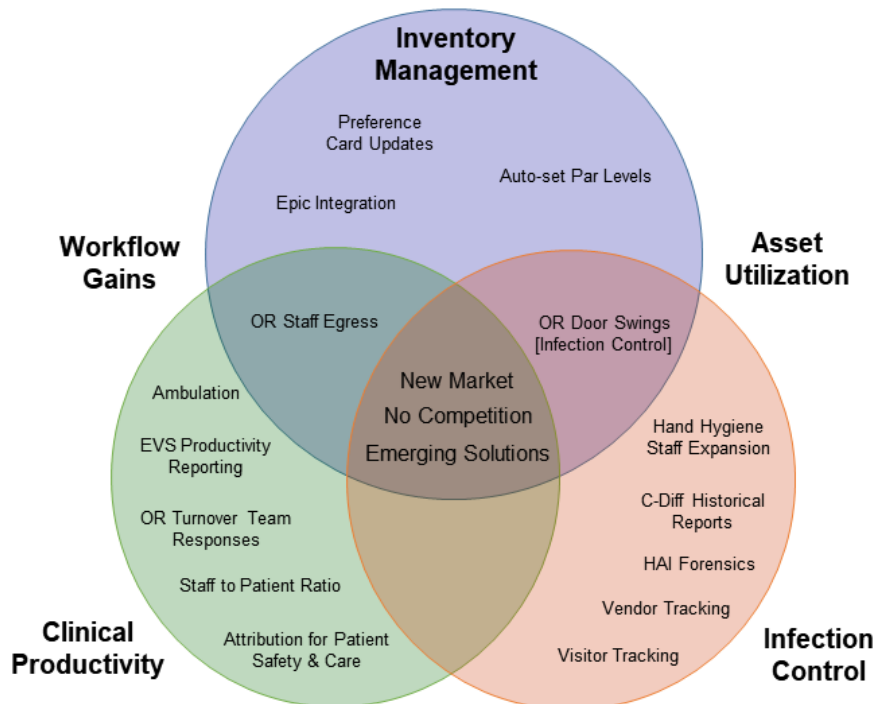
REDUCE ESCALATING STAFF, EQUIPMENT & CONSUMABLES COSTS

1. Staff
 - Optimize staff:patient ratio & reduce turnover
 - Be a better place to work
 - Reduce friction in getting the job done
 - Equitable workload amongst peers
 - Eradicate waste
 - Fair feedback & evaluation system
2. Equipment
 - Utilization, availability & up-time
3. Consumables
 - Expiration reporting, restocking reports, par definitions

PATIENT CARE

1. **Improve** Workflow
2. **Lower** Hospital Acquired Infections
3. **Raise** Five Star Medicare Rating
4. **Decrease** Left Without Treatment
5. **Increase** OR Case Flow
6. **Reduce** Patient Falls
7. **Optimize** Length of Stay
8. Hundreds of others.....

Cumulative layers of ROI; generated from a single underlying enterprise IOT technology that is easily and readily expandable at marginal incremental expense.



- Cloud, virtual machine, on-site server - any IT department protocol
- HL7 interface for import & export
- API for any sensors
- Large scale modular system w/SSO
- Responsive web design

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