

Achieving Patient Safety Outcomes in the Healthcare Supply Chain

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What is EHMA & the SCM SIG?



- European Health Management Association
- Health Supply Chain Action
- International Hospital Federation
- GS1 Healthcare User Group
- ...hopefully AHRMM, CHCPO, HOPE

We Have the TECHNOLOGY



“More than half of i2 (NASDAQ: ITWO) customers listed as references on the company's Web site have not achieved a positive return on investment (ROI) from their i2 deployment.”

Business Wire, Jan 13, 2003 08:46

R. Michael Donovan & Co. Framingham
Massachusetts, Successful ERP
Implementation – The First Time

“It’s not pretty out there. Companies have spent fortunes on ERP software and implementation only to find that business performance has not improved at all... nine out of 10 companies don’t get it right the first time around”

“The mechanistic model of information processing and control based upon compliance is not only limited to the computational machinery, but extends to specification of goals, tasks, best practices and institutionalized procedures to achieve the pre-specified outcomes.”

Yogesh Malhotra, Syracuse University, School of Management, Syracuse, NY, USA, Why Knowledge Management Systems Fail, 2003

We Have the FADS, BUZZ & JARGON



Advanced Planning,
Scheduling and Supply
Chain Optimization

supply chain
event management



J♦I♦T MANUFACTURING AND SUPPLY

Lean Enterprise Institute



h

BUT



*...supply chain reform cannot
be tackled...*

ALONE...

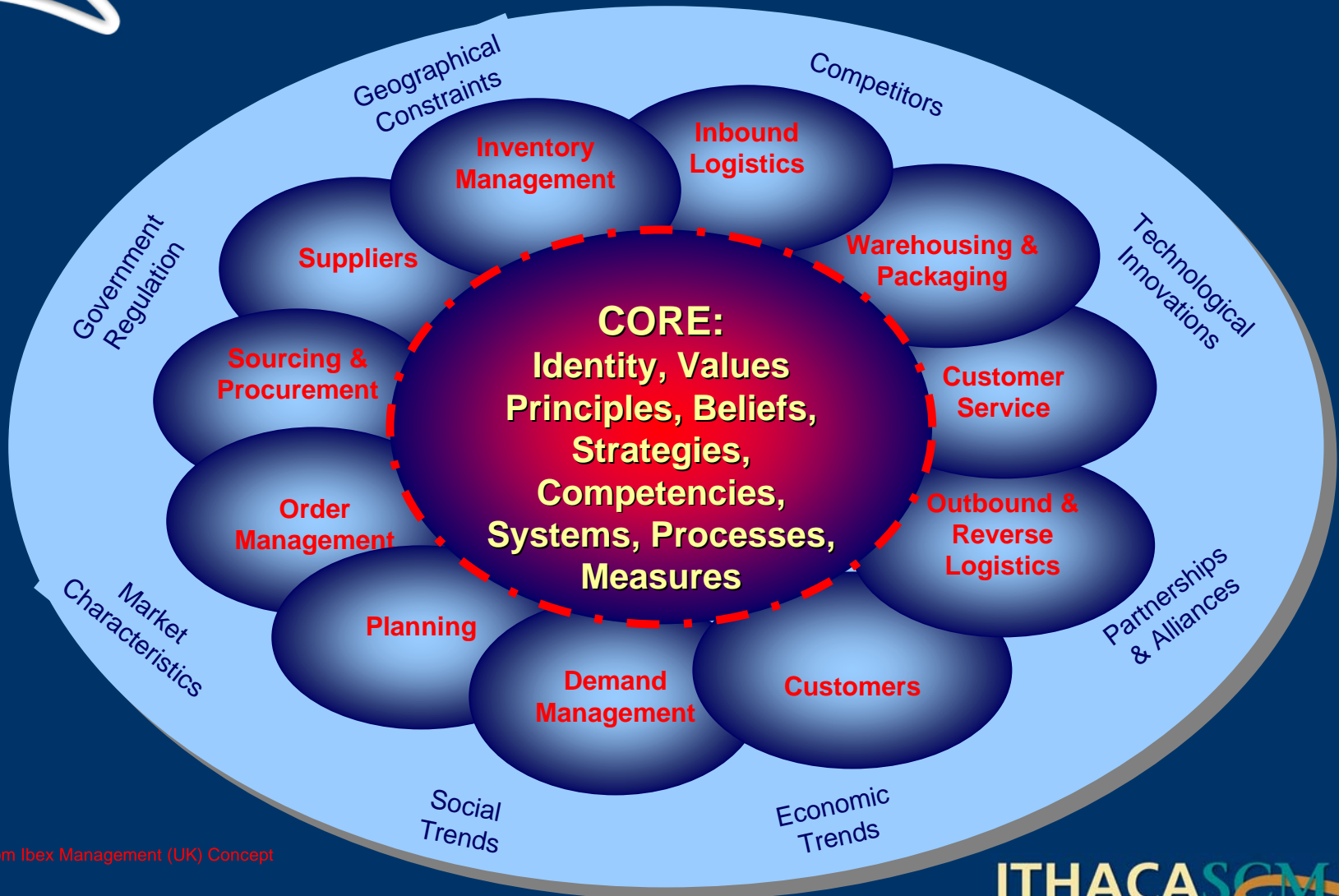
Our Natural Focus is Inward...



We build & maintain
internal silos, measures and focii...



Supply Chains Operate **OUTWARDLY**



Adapted from Ibex Management (UK) Concept

Action is Underway ...**EVERYWHERE**



At this meeting you hearing about a core aspect of what is underway...yet...

- There is nowhere the Case Studies of success are drawn together, providing learning
- No universal benchmarking is undertaken – allowing organisations to improve without so much pain
- Research is not being linked to action
- There is no forum where people from across the health supply chain can discuss, debate & deliberate
- Waste continues to eat into resources at a great rate
- Practical advice is lacking – and people are slaves to technology at the expense of process

Omuta Hospital, Japan



1. SKU's fall below the reorder point



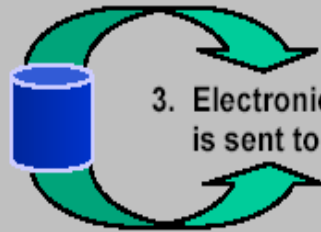
The Streamlined MedTrac™ Approach



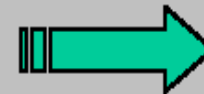
5. Hospital is restocked



2. Data consolidated into main database

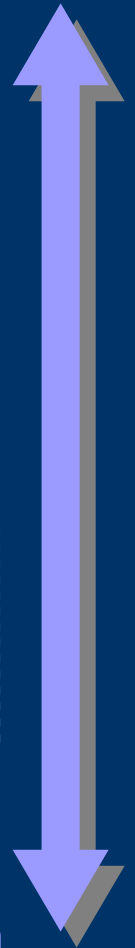


3. Electronic reorder is sent to supplier



4. Supplier delivers


NHS Trusts - UK



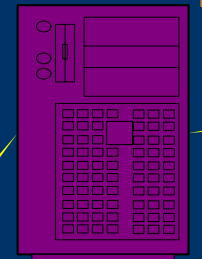
Goulburn Valley Health - Australia

OPTION: Manage Prostheses with hTrak

Scan items in procedure



hTrak ASP



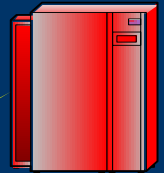
SMDS Supply, Inventory & Purchasing Modules



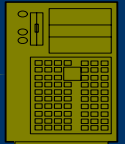
Scan Replenishment Requirements using 'No-Count' System



Supplier 1 - email



Supplier 2 - Order Management System



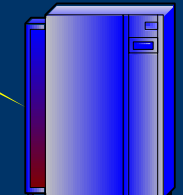
Supplier 3 COIN Order Acceptance Server



Supplier 3 Electronic Fax



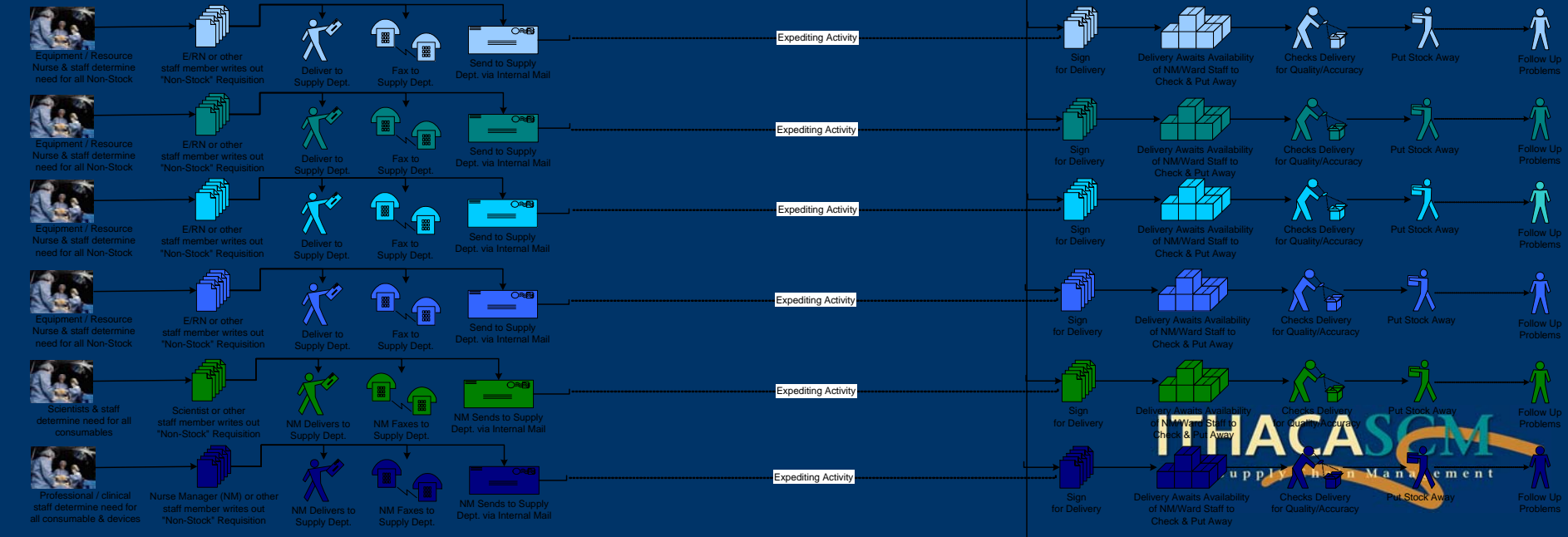
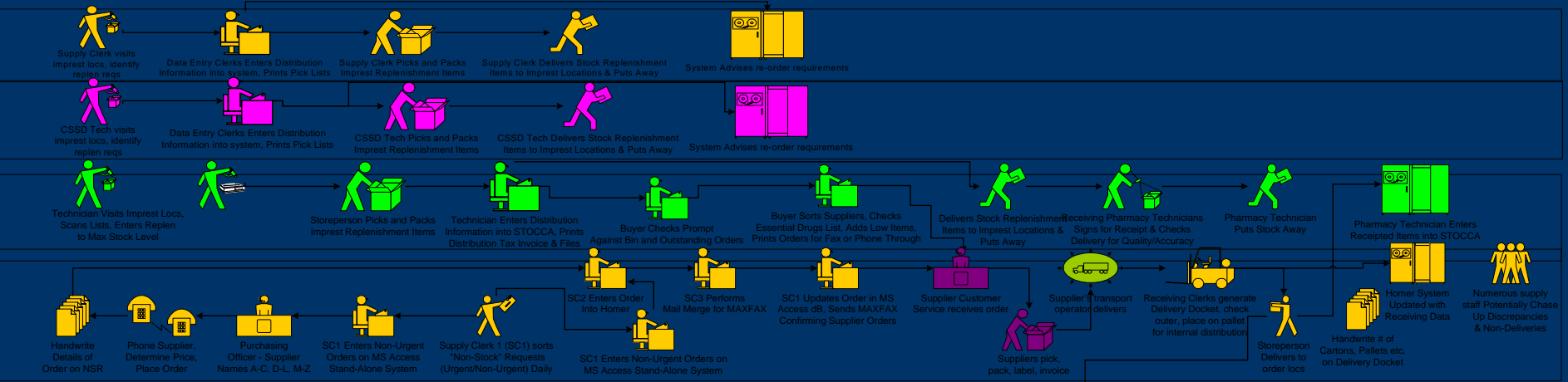
Pacific Health Community of Interest Network (COIN)

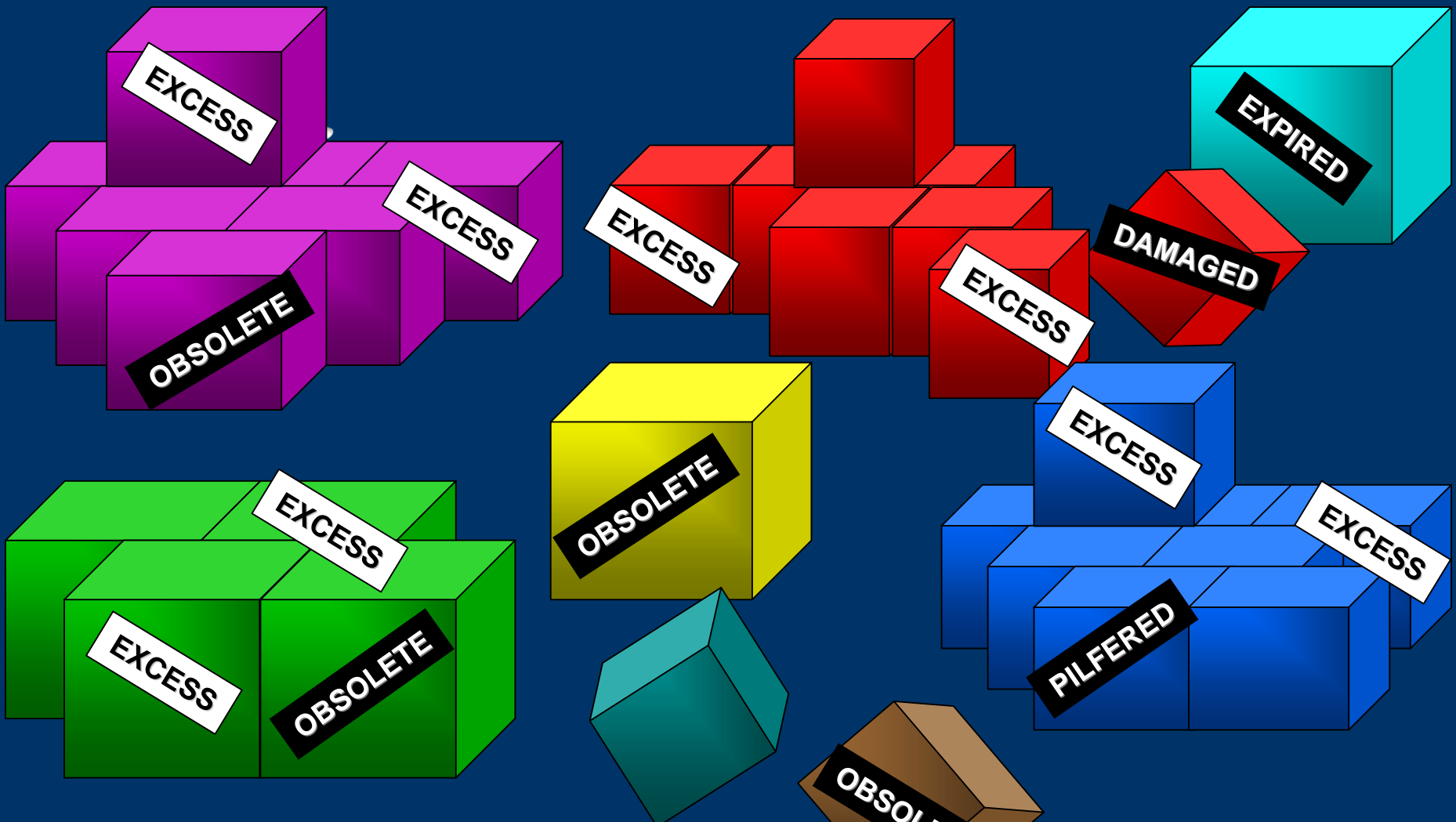


GVH AppGen Legacy System



On average, many hospitals have at least 10 different groups of staff managing different aspects of the process for replenishing medical consumable, device & pharmaceutical items – MOSTLY NURSES, SCIENTISTS, DOCTORS...





20%+ of stock-on-hand in most hospitals beyond their central store is obsolete...a further 20-25% is excess to requirements...patient safety requires that these items be managed



Efficient Health Care Response CSC 1996, DASH Report, PricewaterhouseCoopers 2000, Ithaca Supply Chain Management Studies at The Alfred, Goulburn Valley Health, Westmead Hospital, Northern Hospital, Western Hospital, Hurstville Community Private Hospital, The Bays Private Hospital

Interactive WEBSITE



MEMBER CONTENT

- Research Proposal Forum
- Tenders
- Research Results
- Feedback Forum
- Benchmarking Group
- White Papers
- Peer Review

PUBLIC CONTENT

- Member Profiles
- Existing Case Studies
- Research Findings – After General Release
- Events
- News
- Subscribe

First Year Research Ideas



Patient Safety

- Use SCOR Model
- Examine Best-Practice examples of supply-chain traceability models used in health
- Identify & Quantify Supply Chain Causes of Patient Safety Breaches

Patient Flow

Forecasting Model

- Create Model linking patient flow forecasts to resource planning
- Optimise resource investment – eliminate waste

Into the **FUTURE...**



- H-SCRAM
- Conferences & Seminars
- A Voice for Holistic Reform
- Secretariat Services
- More Practical Research & Application of Findings...
- More Members

SCM SIG Structure & Fees



- Not-for-Profit
- Membership Based Global Group – with Participants from Across the Healthcare Supply Chain as Members
- Five Member Board Elected Annually
- GS1 HUG Members FREE in 1st Year - €500 per annum thereafter
- Launch Funds (€200K) Still Being Sought
- Major Launch @ EHMA Annual Conference
Budapest June / July 2006