



## TCM RFID at a Glance

- TCM is a **products and services** company focused on developing and licensing **REAL-TIME mobility and RFID solutions** for **Supply Chain, Healthcare & Life Science** verticals. Our offerings leverage on our own **proven patented technologies** to streamline the dissemination, collection and reporting of field-based data. Through the use of our technologies, companies have real-time access to the operational information for **critical decision-making** and improve the way they interact with employees, partners and customers
- Founded in 2005, TCM has worked with numerous large MNC customers and prestigious healthcare facilities to enhance their **real-time inventory visibility and operation efficiency**, so that they can be **empowered to maximize their investment**.
- Headquartered in Singapore, TCM RFID is in the heart of Singapore RFID innovation climate, staffed by the creative technopreneur Singapore has to offer, combined with experienced domain experts in supply chain , healthcare and life sciences, will soon become one of the dominant force in the global stage
- We are member of the Singapore RFID Alliance (SFA) workgroup, organized by the Infocomm Authority Development (IDA) of Singapore. The objective is to congregate the resources to share experiences and determine standard in Singapore for RFID compliance.
- **TCM RFID Pte Ltd** has 3 patent pending in the field of RFID Applied Science for Healthcare and Supply Chain Management field

## TCM RFID Value Proposition

TCM RFID uniquely combines comprehensive workflow automation and leading edge mobility tracking technology coupled with truly domain understanding of targeted market and innovative solution to present.

TCM RFID business objectives are clear, ambitious and realistic. There are eight crucial strategies which TCM RFID will employ to rapidly establish a leadership position with its patented solution.

Notably, the business model makes possible more than 4 extremely attractive revenue streams. Each of these revenue streams is sustainable and will grow for the foreseeable future, namely **Software Distribution, Professional Consultancy, Software-as-A-Service (SAAS) and 3rd party OEM**.

TCM RFID's financial projections show:

- Profitable operations since Year 2
- A large and untapped market in small-to-mid size warehouse and healthcare facilities in Asia Pacific
- An NPV (at 20%) in excess of ~ US\$8 million, and an IRR of 96%
- A potential valuation of well over US\$30 million



## TCM For Supply Chain (Total Control Management)

TCM i-RITS<sup>®</sup> is a proven award-winning on-demand inventory and warehouse management solutions, increases the visibility and control of inventory. Designed for quick implementation, ease-of-use, and real-time inventory accuracy, TCM RFID Inventory and Warehouse Management System (i-RITS<sup>®</sup>) provides immediate information on the quantity, location, and status of every inventory item at anytime, anywhere, eliminating costly paperwork errors and streamlining operations. From multiple warehouse locations to individual stockrooms, TCM i-RITS<sup>®</sup> helps companies maintain a competitive advantage by reducing inventory costs, improving productivity, and increasing customer satisfaction. Only TCM i-RITS<sup>®</sup> helps companies of all sizes, across all industries know what inventory they have on-hand and where it is located, all in real-time.

While working with large MNC customers such as Mitsubishi, Manhattan Associates, Shell and other leading supply chain companies, it became apparent that vast number of small and medium sized companies who co-exist or partner in the global supply chain with these major players were in need of a system that addressed their needs. Out of this observation, TCM i-RITS<sup>®</sup> was born with the mission of providing an inventory and warehouse management system that fit the requirements of the small to medium supply chain player, delivered it within a cost and risk profile which matches their world, yet still has the flexibility, functionality and power to address even large high volume facilities. Our customers also seamlessly integrate TCM i-RITS<sup>®</sup> with existing applications such as SAP, Oracle Apps, Manhattan Associates and other purchase order and sales order systems, creating an immediate leap in value to their customers.

From the smallest warehouse or stockroom, to large warehousing and distribution operations, the flexibility of TCM i-RITS<sup>®</sup> system allows a customer to automate inventory operations to work efficiently, quickly and error-free. The resulting global inventory view and accurate warehouse practices can service all other areas of logistics that affect the health of their business.

## TCM for Healthcare (Total Care Management)

TCM Integrated Medicine Dispensing solution (i-MDS) is a industry proven systems and software solutions targeting patient safety and operational efficiency in healthcare facilities. Since 2006, TCM has worked with several regional healthcare facilities including National Health Group (NHG) of Singapore to enhance patient safety and allow clinicians to spend more time with their patients.

TCM medication-use product line includes solutions for the pharmacy, nursing unit, operating room, and patient bedside. Solutions range from RFID "smart inventory" cart to small handheld devices. From the point at which a medication arrives at the receiving dock to the time it is administered, TCM systems track it, identify it, bar code it, validate it, issue it, and provide information and controls on its use and reorder.

Our supply product lines provide a healthcare institution with fast, effective control of costs, capture of charges for payor reimbursement, and timely reorder of supplies. Products range from high-security closed-cabinet trolley systems and software to smart-shelf and combination solutions in the nursing unit, cath lab and operating room.

TCM's mission in Healthcare is to provide the best customer experience in patient care, helping hospitals reduce medication errors, operate more efficiently, and decrease costs.



# TCM i-MDS®

*Ensuring Everything is Right Times 5 and More.*



TCM i-MDS is a software solution that helps ensure patient safety and increases efficiency in the medication administration process. Integrated with TCM patented RFID enabled medication dispensing carts, the i-MDS uses bar code and RFID technology to confirm patient identity and the correct medications.

- Right Drugs** → Scanning of the patient wristband bar code, verifying and documenting patient identity
- Right Patients** → Bar code scan clearly identifies the correct medication ordered for the patient
- Right Dose** → Provides dosage information showing date/time, dose, comments, and the ID of the nurse administering the medications.
- Right Route** → Clear identification of the medication ordered for the patient and requires that the route be part of the medication order, whether profiled or via override.
- Right Time** → Provides warnings of overdue and early administration of medications, enabling appropriate clinical follow-up

