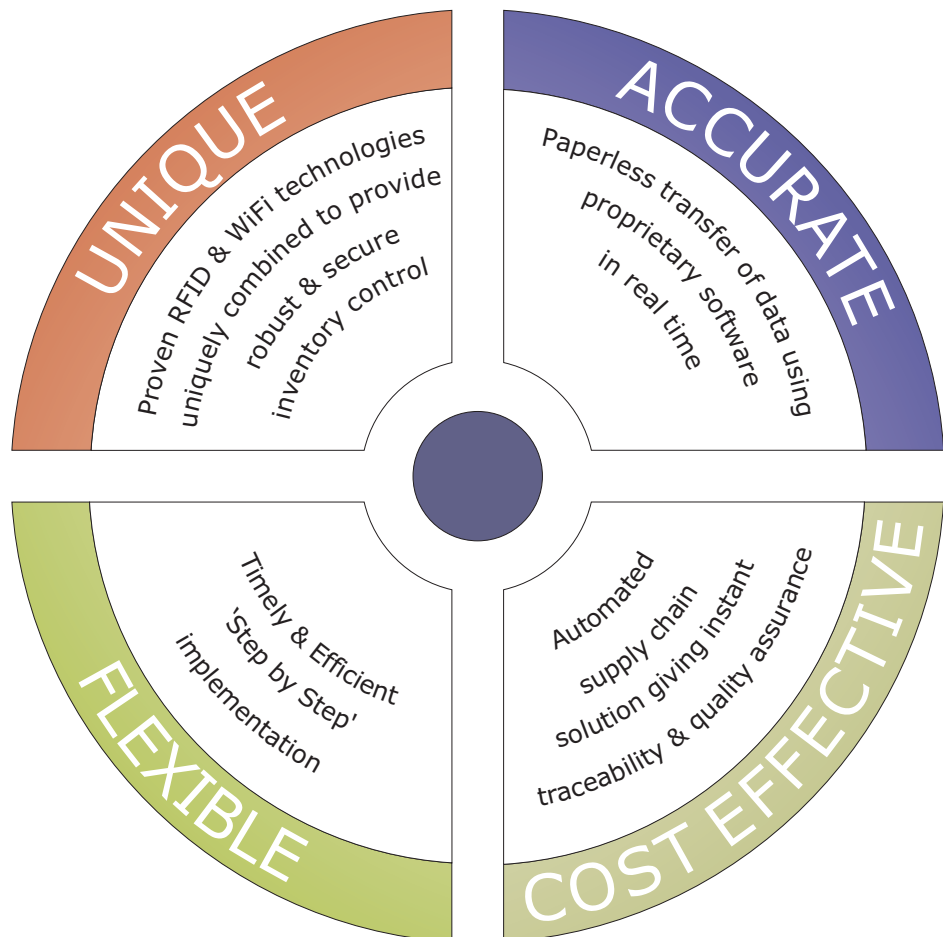


SMARTDrum™

Reel Product Management in Real Time




SMARTDrum™ provides the potential to monitor and track cable & drums at every point in the supply chain.

Accurate real time stock status combined with cost & time savings make SMARTDrum™ the superior alternative to bar coding and allows full data integration.

For more details see www.smartdrum.co.uk

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TECHNICAL INFORMATION

HARDWARE		FEATURES	
Server (min spec)	Windows Server 2003 SQL Server Express ASP.NET 3.5 1GB RAM 120GB HD 1x 10/100 Ethernet Port	Operator Interface	Graphical and user friendly
Handheld Computers	Windows Mobile 5.0/6.1 Robust Mobile Computer Touch screen Wireless LAN 802.11 b/g (2.4GHz) Bluetooth, GSM/GPRS/EDGE RFID UHF EPC Class 1 Gen 2 Drop Specification: 26 times 1.8m all sides, faces & corners. MIL-STD 810G IP65 Rated (Dust tight, water jets)	Process Automation	Paperless Configurable process flows (e.g. Goods Receipt, Dispatch, Internal production control)
WiFi Network	Wireless LAN 802.11 b/g (2.4GHz)	ERP/Database Integration	Real time stock management and order processing
RFID TAG's	Wooden and Metal Drum compatible IP67 Rated (Dust tight, immersion <1m)	Supply chain	Secure business to business transactions using data in the RFID tag.
DATA CAPTURE		Quality Assurance System	100% Data Accuracy Data validation Product traceability
Input Methods	RFID Interrogator (reader/writer) 1D/2D Barcode reader Touch screen operation Key entry	RFID TAG CONTENTS	
RADIO FREQUENCY IDENTIFICATION		Tag data fields	Unique Drum Identification Product Identification Payload Length/Quantity Manufacturers ID Purchase Order Information
Operating Frequency	865, 869, 915 and 950 MHz	For more information please visit www.smartdrum.co.uk	
Air Interface	EPCglobal Class 1 Gen2 ISO/IEC 18000 - 6b ISO/IEC 18000 - 6c	Continuous product development. All information is subject to change without notice	
Typical Read Range	60mm to 3040mm (tag dependent)		
Typical Write Range	30mm to 600mm (tag dependent)		

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SMARTDrum™ is a joint venture between Coriel and Marlin Industries