

SETU™ 1.0

**SKANDSOFT**  
TECHNOLOGIES  
*Know... Now!*

**FACILITATING RFID  
ENABLED ENTERPRISES**

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## DATA now INFORMATION

SETU™ 1.0 the **TRUE** RFID Middleware platform, which facilitates intelligent two-way information flow for the next generation of mega data flow, imminent by the adoption of RFID and other wireless and sensor based technologies.

SETU™ 1.0 is a strategic approach to deal with un-structured data environments with features and scalability that drive long-term vision and ROI from RFID and similar wireless and sensor technologies.

SETU™ 1.0 lets you focus on your core business activities, by providing you with real-time accurate and relevant information.

By adopting a unique approach of merging business process intelligence and compliance with data collection, SETU™ 1.0 plays the role of an active participant in your business process execution.

- **APPLICATION DEVELOPERS –**  
60 % of all the common functionality of RFID solution is directly hard coded onto SETU™, leaving the balance 20% for industry specific customization & 20% for client specific application customization
- **SOLUTIONS PROVIDERS AND INTEGRATORS –**  
SkandSoft delivers world class RFID Solutions across the globe by leveraging the core competencies of strategic Business Partner network this helps ensure constant delivery of products and services at steady levels of quantum and quality.

**RFID Mandate Compliance Module –  
Simple and speedy roll outs**

**Business Process Embedding – extend  
control beyond the cabin**

**Role Based Reporting – Granular,  
Intelligent and Efficient data**

**Multi-Mandate Compliance on a Single  
platform – at no extra cost**

**Work Flow Definition – Dynamic and  
Flexible to “Fit in the glove”**

**Process Monitoring and Enforcement –  
Active business participation**

### **FEATURES:**

RFID Hardware Vendor neutral

Work Flow -Business Rules

Selective Data Treatment

Dynamic Thresholding of data

Integration with Industrial Automation and  
Control Systems

Master of Master for multi sit deployments

Multiple Integration Methodologies - API, JCo,

Web Service, Information Services and XML

Self-learning Rule base

EPC Global Standards Compliance

Multi-level Filtering - get only relevant data  
and not lose important information

Application Flexibility - the same platform can be  
used for any application

Process Enforcement - Internal and External

Integration with Enterprise Applications

Hardware / Reader Health Management

Role Based reporting - Personal Portals

Statistical Query

Data Analytics

Auto Discovery

Correlation Engine

Apart from hygiene features like Dynamic UI  
generation (for tag writing), X-DB (Transparent  
Data Exchange), etc.

### **Embedding Business Process onto RFID devices:**

SETU™ 1.0 is amorphous in its native state and can be easily customized into a number of applications like Asset Management, Adaptive SCM, Airline Baggage, Transportation/ Logistics Solution, etc., using a work-flow based GUI that allows users to define any of their business processes and embed the same onto the RFID network.

RFID technology is best optimized by the ability to convert bland data into information and linking the same to business processes - driving Business Performance Management, Data Analytics and Business Intelligence. This feature also facilitates enforced internal process compliance (ISO, etc.), compliance to vendor mandates (Wal-Mart, etc.)

### **Selective Data Filtering:**

The same data stream (one data capture event) means different things from different perspectives. Such data needs differential & selective treatment - e.g.

- Raw Data – Business Analytics,
- Aggregated Data – ERP's,
- Statistically treated Data – Reporting/ BI Apps
- Correlated Events – Industrial Control Systems (ICS)
- By dynamically applying process constraints and exceptions to the raw data.

### **Futuristic:**

SETU™ 1.0 is prepared to address possible changes in technology (including futuristic technologies, which can affect RFID landscape - like Wi-Fi, NFC, WiMax, etc.) and standards (ISO, EPC, etc.).

SETU™ 1.0 is geared to address AIDC technologies, not just RFID.

### **Real-Time Feedback:**

The benefits of Intelligent Information are doubled if one has the ability to take actions in real-time, in response to events. To facilitate this, SETU™ 1.0 provides integration with Industrial Control and Automation Systems - PLCs, Micro Controllers, SCADA, etc., apart from enterprise application integration.

### **Integration:**

SETU™ 1.0 is geared for integration with external applications and technologies in multiple ways, apart from built-in integration with some of the well-known Enterprise Applications.

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