The **HR Database Integrator (HRDI)** module facilitates the synchronization of employee data in most human resource management system (HRMS) with the IBSS.web, so that any change in employee data made in the HRMS will be seamlessly registered to the IBSS.web database.

When employee data is received from the HRMS, the HRDI module automatically assigns predefined access rights to new employees according to the company's HR policy and/or removes the access rights of employees who have resigned.
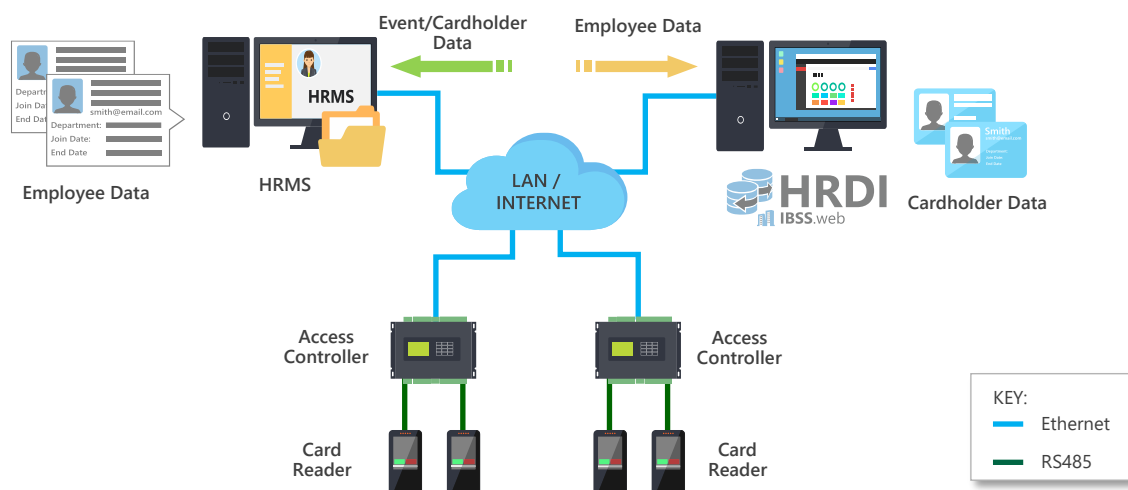
The HRDI offers significant productivity improvements, allowing automation in managing employees' movements and payroll administration. With this module, daily operations is simplified and made more efficient.

HRDI

- Import/Export Profiles
- Assign Security Area
- Push To Controllers
- SMS/Email Report
- Exception Priority
- Flexible Periodic Trigger
- Real-time Dismissal
- Assign UAG
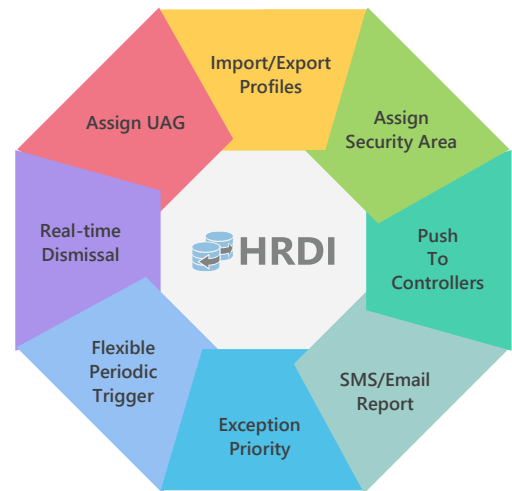
Key Features

- Automatic synchronization to third party database

- Event data export from IBSS.web database

- Automatic mapping of employee to UAG and Security Area

- Multiple import & export data exchange profiles

- Automatic import of employee data to IBSS.web

- Summary and exception reports via email and SMS

- Immediate removal of access rights for leaving employees

- 3 levels of error handling
  – Normal, Important, Critical, with configurable action and frequency

System Design

Employee Data — HRMS — Event/Cardholder Data — Employee Data — LAN / INTERNET — HRDI IBSS.web — Cardholder Data — Access Controller — Access Controller — Card Reader — Card Reader

KEY:
— Ethernet
— RS485

Architecture Diagram
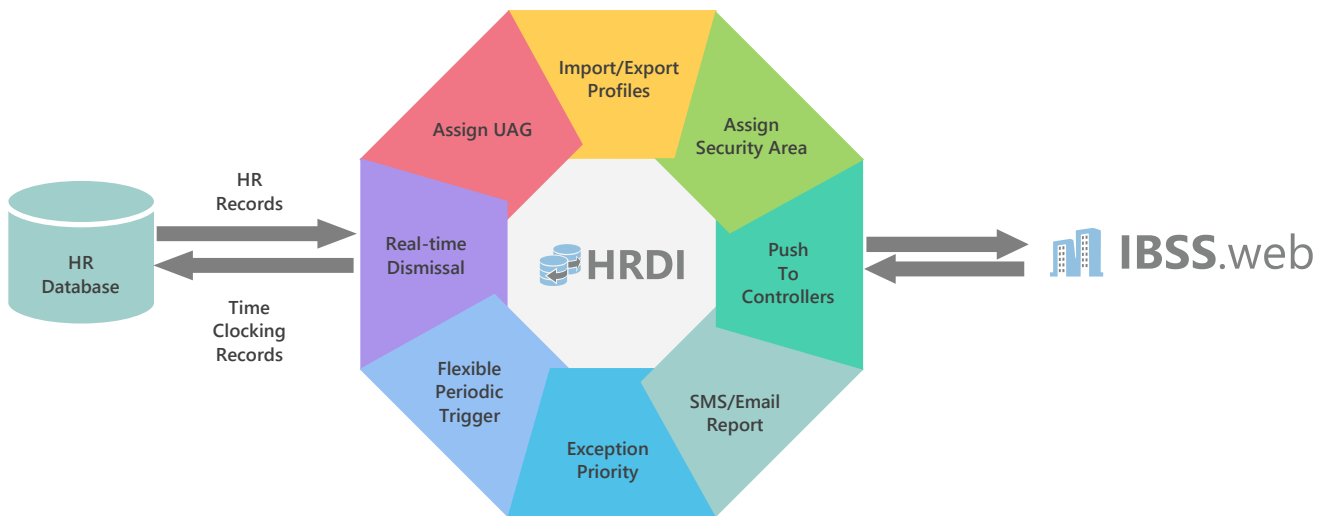
Technical Specifications

Specifications*	IBSSweb-*HRD*
Description	IBSS.web HR Database Integrator
Supported IBSS.web	IBSS.web Professional Edition & above * *(Pre-requisite)*
Supported Operating System	Windows 10 (64bit) / Windows Server 2016 or above
Users	Dependent on IBSS.web license
Import/ Export Profile	Unlimited
Polling Interval	1 hour (min.) / 30 days (max.)
Urgency Level for Exception	Normal / Important / Critical
Exception Handling Action	Save as file / Send via email / Send via SMS
Exception Report Frequency	Once as day (summary) / Immediately
Data Import	
Field	15 (max.)
Data Mapping	Security Area, Department, User Access Group (UAG)
UAG Mapping	Max. 3 parameters
Action Mapping	Insert / Update Cardholder, Delete / Isolate Card Only, Replace Card, De-isolate card
Data Export	
Output Format	TXT / INI / DAT / CSV
Source IBSS.web Table	Event, Cardholder
Field	100 (max.)

Specifications are subject to change without prior notice

Ordering Information

Model No.	Description
IBSSweb-*HRD*	IBSS.web HR Database Integrator