

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



Key Features



- Automatic synchronization to third party database



- Event data export from **IBSSweb** database



- Automatic mapping of employee to UAG and Security Area



- Multiple import & export data exchange profiles



- Automatic import of employee data to **IBSSweb**



- Summary and exception reports via email and SMS

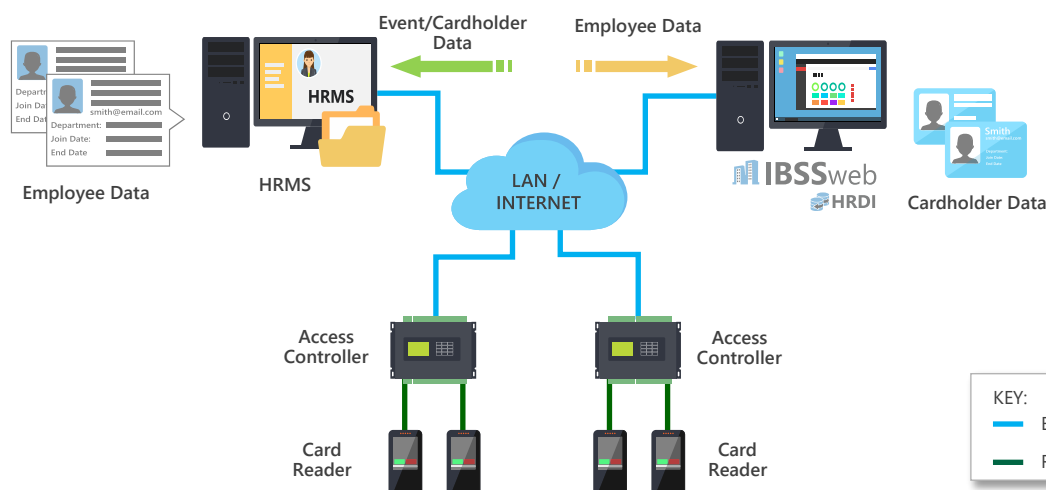


- Immediate removal of access rights for leaving employees

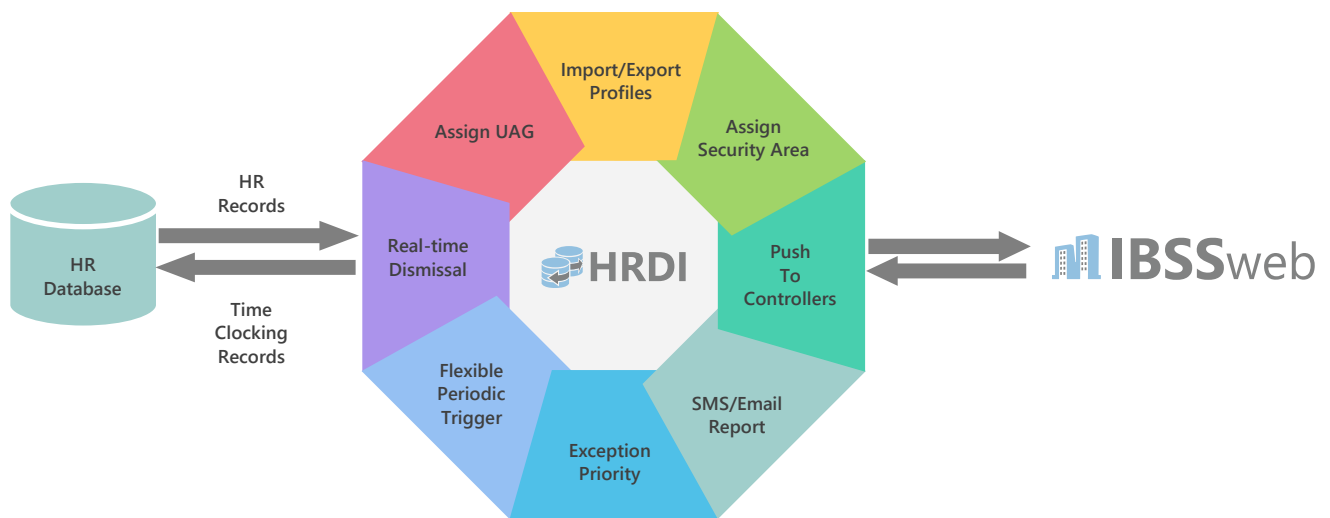


- 3 levels of error handling
– Normal, Important, Critical,
with configurable action and frequency

System Design



Architecture Diagram



Technical Specifications

Specifications*	IBSSweb-HRD
Description	IBSSweb HR Database Integrator
IBSSweb Versions	IBSSweb Professional Edition & above * (Pre-requisite)
Supported Operating System	Windows 10 (64bit) / Windows Server 2016 or above
Users	Dependent on IBSSweb 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 IBSSweb Table	Event, Cardholder
Field	100 (max.)

*Specifications are subject to change without prior notice

Ordering Information

Model No.	Description
IBSSweb-HRD	IBSSweb HR Database Integrator