# DionDiligence

## Hardware & Software Requirement Specifications

**Ver 1.0**

## Confidentiality

This document contains confidential information of Dion Global Solutions Limited, which is provided for the sole purpose of permitting the recipient to evaluate the information submitted herewith. In consideration of receipt of this document, the recipient agrees to maintain such information in confidence and to not reproduce or otherwise disclose this information to any person outside the group or the evaluation committee directly responsible for evaluation of its contents, except that there is no obligation to maintain the confidentiality of any information which was known to the recipient prior to receipt of such information from Dion Global Solutions Limited, or becomes publicly known through no fault of recipient, or Dion Global Solutions Limited, or is received without obligation of confidentiality from a third party owing no obligation of confidentiality to Dion Global Solutions Limited.

## Security

The information contained herein is proprietary to Dion Global Solutions Limited and may not be used, reproduced or disclosed to others except as specifically permitted in writing by Dion Global Solutions Limited. The recipient of this document, by its retention and use, agrees to protect the same and the information contained therein from loss or theft.

**Trade Anywhere:**

An end-to-end trading solution, Trade Anywhere® is designed to provide a flexible & scalable solution that caters to all trading needs. It consists of suite of components for online trading; order routing, execution & market data dissemination. Trade Anywhere® is tightly integrated with versatile & parameterized real time risk & exposure management system that is configurable to match risk appetite of brokers. System is capable of capturing orders from end user directly through the Internet or any other network or through a dealer.

Key Features:

- An automated order routing system
- Centralized risk management solution
- Multi-exchange, multi-bank & multi-DP
- Real-time quote display

| Prerequisites | |
|---|---|
| **TAW Database Server Specification** | **Up to 1500 (Application based) concurrent connections** |
| Processor | Intel Xeon Quad Core 3.1 GHz or above |
| Memory (RAM) | 16GB |
| Server Network Card | Gigabit Ethernet NIC - 4 |
| Storage Allowance | 500 GB SAS or above + SSD Hard drive 120 GB or above |
| Operating System | Microsoft Windows Server 2008 R2 Standard \ Enterprise Edition 64 bit with SP1 |
| SQL Server Edition | Microsoft SQL 2008 Server R2 Standard \ Enterprise Edition (64 bit) with SP2 |
| Other | Dot Net Framework 3.5 \ 4.0, MSMSQ 5.0, Standard Antivirus software with latest update, Radmin server configured on port 9191 |
| **TAW Application Server Specification** | **Up to 1500 (Application based) concurrent connections** |
| Processor | Intel Xeon Quad Core 3.1 GHz or above |
| Memory (RAM) | 16 GB |
| Server Network Card | Gigabit Ethernet NIC – 4 |
| Storage Allowance | Storage – 500 GB SAS or above |
| Operating System | Microsoft Windows Server 2008 R2 Standard \ Enterprise Edition 64 bit with SP2 |
| SSL Certificates | Two SSL Certificate min. 128-bit encryption |
| Other | Dot Net Framework 3.5 \ 4.0, MSMSQ 5.0, **IIS 7.5, Sun Java 1.6 (JRE),** Standard Antivirus software with latest update, Radmin server configured on port 9191 |
| **Admin/Client Side Components** | |
| **PowerAdmin Application** | |
| Processor | Intel Core 2 Duo, 2.0 GHz |
| Memory (RAM) | Minimum 4 GB |
| Storage Allowance | 60 GB HDD or above |
| Operating System | Windows7, OS-32/64bit |
| RDBMS | SQL Express 2012 |
| Other | Dot.net framework 4.5 |
| **FastTrade Dealer Application** | |
| Processor | Intel Core 2 Duo, 2.0 GHz |
| Memory (RAM) | Minimum 2 GB |
| Storage Allowance | 60 GB HDD or above |
| Operating System | Windows 8/ windows7/ Windows Vista/ Windows XP SP3 |
| RDBMS | SQL Express 2012 |
| Other | Dot.net framework 4.5 |

**MarketPulse Client Application**

| | | |
|---|---|---|
| ➲ | Processor | Intel Core 2 Duo, 2.0 GHz |
| ➲ | Memory (RAM) | Minimum 2 GB |
| ➲ | Storage Allowance | 60 GB HDD or above |
| ➲ | Operating System | Windows 8/ windows7/ Windows Vista/ Windows XP SP3 |
| ➲ | Java | SUN Java 6 or above |
| ➲ | Other | |

**HTML5 (Browser compatibility)**

| | | |
|---|---|---|
| ➲ | Processor | Intel Core 2 Duo, 2.0 GHz |
| ➲ | Memory (RAM) | Minimum 2 GB |
| ➲ | Storage Allowance | 60 GB HDD or above |
| ➲ | Operating System | Windows 8/ windows7/ Windows Vista/ Windows XP SP3 |
| ➲ | Browser Compatibility | Internet Explorer9 & above, Firefox13 & Above, Chrome19 & above, Safari5 & above and Opera-12 & Above |

**Asset Anywhere:**

A web based solution which provides the ability to execute transactions in IPOs, Mutual Funds, Bonds and Debentures through the internet, through a branch or a franchise network. The system also caters to the back office process related to IPO management, inclusive of form printing and electronic submission of bids to the exchanges.

Key Features:

- System allows users to apply for mutual funds / IPOs/ NCDs online.
- Separate payment gateway integration.
- Standalone system maintains cash process and allows client to either deposit cheque or execute fund transfer for order placement.
- Distributors can restrict system as per their requirement. Modification and cancellation can be restricted.

## Prerequisites

**AAW Database Server Specification**

| | | |
|---|---|---|
| ➲ | Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ➲ | Memory (RAM) | 8-16GB |
| ➲ | Server Network Card | Gigabit Ethernet NIC - 4 |
| ➲ | Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ➲ | Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ➲ | SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| ➲ | Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**AAW Application Server Specification**

| | | |
|---|---|---|
| ➲ | Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ➲ | Memory (RAM) | 8-16GB |
| ➲ | Server Network Card | Gigabit Ethernet NIC – 4 |
| ➲ | Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ➲ | Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ➲ | SSL Certificates | SSL Certificate min. 128-bit encryption |
| ➲ | Other | Dot Net Framework 3.5 \ 4.0, **ASPNet User Account**, **IIS 7.5,** Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**Admin/Client Side Components**

**AAW Utility/AAW Service**

| | | |
|---|---|---|
| ➲ | Processor | Intel Core 2 Duo, 2.0 GHz |
| ➲ | Memory (RAM) | Minimum 4 GB |
| ➲ | Storage Allowance | 60 GB HDD or above |
| ➲ | Operating System | Windows7, XP3 OS-32/64bit |
| ➲ | Other | Dot.net framework 4.0 |

**Fundboss:**

A complete mutual fund distributor's back office solution, Fundboss reduces the need for manual data entry, ensuring increased accuracy and efficiency through a wholly integrated secure platform.

Fundboss provides a central repository to store all relevant information such as transaction tracking, accurate brokerage calculations, brokerage reconciliation and commission calculations, allowing for accurate auditable records and avoids duplicity in investor creation. The solution also provides a web platform for customers to check their portfolio with the current Net Asset Value, and profit & loss.

The solution also provides features such as monthly / quarterly portfolio reports, drilldown reports, finance module and audit trail.

 Key Features:

- ➲ Provides portfolio tracking at many levels
- ➲ System for capturing registrar feeds
- ➲ Prevents investor duplicity
- ➲ Comprehensive drilldown reporting
- ➲ Calculates brokerage receivable, commission payable, portfolio, allocation, returns
- ➲ User friendly front-office

## Prerequisites

**Fundboss Database & Application Server Specification**

| | | |
|---|---|---|
| ➲ | Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ➲ | Memory (RAM) | 8-16GB |
| ➲ | Server Network Card | Gigabit Ethernet NIC - 4 |
| ➲ | Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ➲ | Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ➲ | SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| ➲ | Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**Fundboss Admin/Client Side Components**

**Admin Utility/Fundboss Service**

| | | |
|---|---|---|
| ➲ | Processor | Intel Core 2 Duo, 2.0 GHz |
| ➲ | Memory (RAM) | Minimum 4 GB |
| ➲ | Storage Allowance | 60 GB HDD or above |
| ➲ | Operating System | Windows7, XP3 OS-32/64bit |
| ➲ | Network Accessibility | Database Accessibility from admin system, Dion's Global FTP Accessibility |
| ➲ | Browser compatibility | Internet Explorer9 & above, Firefox13 & Above, Chrome19 & above, Safari5 & above and Opera-12 & Above |
| ➲ | Other | Dot.net framework 4.0 |

**Acquire:**

Acquire is a web-based customer acquisition tool that allows branches to initiate and manage the opening of client accounts, while following structured, user-definable workflows and document paths. The solution automates, centralizes and standardizes the customer acquisition process so that client account details can be verified efficiently. These details are then either routed back to the respective client, branch or internal department for review, or passed on for client due diligence. In addition, Acquire enables efficient account opening, while also affording the user more confidence in the accuracy of their data and moving customers through the on-boarding process smoothly. Acquire is adaptable to different processing rules, dependent on the type of product or account.

Key Features

- Web-driven data verification, including PAN verification
- Single entry at remote location
- Full overview of account status and integrated Management Information System (MIS)
- Integrates with customer email and SMS upon completion of the on-boarding process
- Generates a single-view profile sheet and tracks couriers in real time

## Prerequisites

**Acquire Database & Application Server Specification**

| | |
|---|---|
| Processor | Intel Xeon Quad Core 2.4 GHz or above |
| Memory (RAM) | 8-16GB |
| Server Network Card | Gigabit Ethernet NIC - 4 |
| Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**Insense – Insurance Back Office**

Insense is back office software developed by keeping a view the hardships faced by insurance broking firm. This software through its integrated secure platform facilitates Commission calculation; Due date calculation; Renewal of premiums etc…

It stores all relevant information in a central repository such as application details, status of application, investor details, accurate brokerage calculation, brokerage reconciliation and commission calculation; giving accurate auditable records without any duplicity.

Key Features

- ⮑ Application Details
- ⮑ Renewal Details
- ⮑ Commission Details
- ⮑ Brokerage Receivable
- ⮑ Commission Payable
- ⮑ Portfolio, Allocation, Returns
- ⮑ Brokerage
- ⮑ Campaign Creation
- ⮑ Lead Creation and Tracking
- ⮑ Claim Management
- ⮑ Sales Target Management

## Prerequisites

**Insense Database & Application Server Specification**

| | | |
|---|---|---|
| ⮑ | Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ⮑ | Memory (RAM) | 8-16GB |
| ⮑ | Server Network Card | Gigabit Ethernet NIC - 4 |
| ⮑ | Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ⮑ | Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ⮑ | SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| ⮑ | Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**Insense Admin Side Components (Admin Utility)**

| | | |
|---|---|---|
| ⮑ | Processor | Intel Core 2 Duo, 2.0 GHz |
| ⮑ | Memory (RAM) | Minimum 4 GB |
| ⮑ | Storage Allowance | 60 GB HDD or above |
| ⮑ | Operating System | Windows7, XP3 OS-32/64bit |
| ⮑ | Network Accessibility | Database Accessibility from admin system, Dion's Global FTP Accessibility |
| ⮑ | Browser compatibility | Internet Explorer9 & above, Firefox13 & Above, Chrome19 & above, Safari5 & above and Opera-12 & Above |
| ⮑ | Other | Dot.net framework 4.0 |

**On Line insurance:**

On Line insurance web portal is used to sell the Life/Non-Life product of insurance companies. User can search the policy, compare the policy, take the information of the policy and buy the policy from this portal. User can also calculate the policy premium according to need.

Key Features

- ➲  Capturing the detail of the Insurance Company
- ➲  Product Management
- ➲  Product Comparison
- ➲  Portfolio Management
- ➲  Campaign Management
- ➲  MIS Report

## Prerequisites

**On Line insurance** **Database & Application Server Specification**

| | |
|---|---|
| ➲  Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ➲  Memory (RAM) | 8-16GB |
| ➲  Server Network Card | Gigabit Ethernet NIC - 4 |
| ➲  Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ➲  Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ➲  SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| ➲  Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**SCHOLAR:**

SCHOLAR is a product by which Companies can access the knowledge base of its employees by conducting exams and tests to determine if any training is required.

Scholar is a web based solution that creates and conducts online exams, review results and uploads course material. Scholar enables the creation of multiple choice questions with options ranging from 2 to 4 with a single correct answer, and also provides users the ability to create multiple exams as well as map exam eligibility and timelines.

Key Features

- Create user groups and map users to user groups
- Facility to upload users using excel file
- Facility to update existing user groups and users to set their status as active or inactive
- Provide module-specific access to different user groups
- Facility to create multiple exams and categories under each exam
- Create question master and map it to a test category. Questions can be created with 2, 3 or 4 alternatives to answers. Facility to mark one of the alternatives provided as the correct answer.
- Excel file upload utility for adding multiple questions at once.
- Create test master and map questions from question master to the test.
- Facility to set the time, number of questions and marking scheme (negative marking) for each test.
- Assign test to a user or all users of a user group. Date range can be selected for which the test would remain active for the users.
- Random questions set for each examinee
- Define the availability period for the examination
- Provide immediate results for the examination
- Results can be emailed to the examinee with a copy to a supervisor
- Score Card Exportable  in PDF/MS-Excel
- Facility to create survey master and create survey questions
- Facility to assign a survey to a particular user
- Reports for survey
- Audit trail functionality available for each feature

## Prerequisites

**SCHOLAR Database & Application Server Specification**

| | |
|---|---|
| Processor | Intel Xeon Quad Core 2.4 GHz or above |
| Memory (RAM) | 8-16GB |
| Server Network Card | Gigabit Ethernet NIC - 4 |
| Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191 |

**I-Reward:**

Many companies offer reward points to their customers, but lack a platform for redeeming them. In order to do so, customers have to go through the complicated process of calling up at call centers which are mostly open during the day. I-Reward is a web-based product which offers an exceptional solution to these problems, where customers can log in, look at the points earned, know how they earned them, look at the gifts offered, redeeming those points online and know their points balances.

Key Features

- ➲ Inbuilt Security through Active Directory Authentication
- ➲ Multiple Product Master
- ➲ File Import Facilities
- ➲ Gift Inventory Management

## Prerequisites

**I-Reward Database & Application Server Specification**

| | |
|---|---|
| ➲ Processor | Intel Xeon Quad Core 2.4 GHz or above |
| ➲ Memory (RAM) | 8-16GB |
| ➲ Server Network Card | Gigabit Ethernet NIC - 4 |
| ➲ Storage Allowance | HDD 500GB SATA 7200 RPM or above |
| ➲ Operating System | Microsoft Windows Server 2008 R2 (64 bit) with Service Pack 1 |
| ➲ SQL Server Edition | SQL Server 2008 R2 Standard \ Enterprise Edition (64 bit) with Service Pack 2.0 |
| ➲ Other | Dot Net Framework 3.5 \ 4.0, ASPNet User Account, Standard Antivirus software with latest update, Radmin server configured on port 9191, |

**I-Reward Admin Side Components (Admin Utility)**

| | |
|---|---|
| ➲ Processor | Intel Core 2 Duo, 2.0 GHz |
| ➲ Memory (RAM) | Minimum 4 GB |
| ➲ Storage Allowance | 60 GB HDD or above |
| ➲ Operating System | Windows7, XP3 OS-32/64bit |
| ➲ Network Accessibility | Database Accessibility from admin system |
| ➲ Browser compatibility | Internet Explorer 8 & above, Firefox13 & Above, Chrome19 & above |
| ➲ Other | Dot.net framework 4.0 |