DOT STAT features and requirements

**Data entry** **Data storage**

Data Provider Interface (DPI) a web based application and the interface between data production and data publishing that enables data providers to manage their data in the Data Warehouse. The DPI creates work packages for the entry gate

to process and load data into the Data Warehouse.

Based on Microsoft SQL server and a standard star schema data warehouse technology. The Data Warehouse is able to process and handle multiple updates per hour in a synchronised way.

**Data exit Data analysis**

A single exit point serves all outputs from the Data Warehouse. This consists of a set of Web Services, exposing the data to various dissemination tools and web sites such as the .Stat

Web Browser.

.Stat allows for the extracting of data to various analytical tools for further data analysis. This is managed through the dotStatGet tool suite.

.STAT FEATURE LIST

**Input formats**

.csv

.txt

.xml sdmx\*

**Output formats**

.xlsx

.csv

.px

.xml

**Data visualisation**

html table embeddable queries eXplorer charting

svg charts

**APIs** sdmx-soap sdmx-rest

sdmx-json

odata csv dotstatget

**Data release**

embargo

workflow & notifications\*

archive\*

*\* Coming soon*

**Configuration**

multilingualism

custom branding/styling

**Integration** sdmx-ri jdemetra+

excel

sdmx-registry\*

solr search\*

**Authentication**

ldap

single-sign on active directory

MINIMUM SYSTEM REQUIREMENTS

**WEB SERVER:**

− Windows Server 2008 R2 SP1 (English)

− IIS 7.5

− Microsoft Message Queue (MSMQ)

− Microsoft WSE 3.0

− IIS URL Rewrite 2.0

− Microsoft Framework .Net 4.5**DATABASE SERVER:**

- Windows Server 2008 R2 SP1 (English)

- SQL Server 2012 Standard Edition and above