Data Fount Tool for HxGN EAM

Technology Overview

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Introduction

On-demand data. Custom data analysis at your fingers. Business decisions backed and driven by meaningful data, available to all users, in real time, across multiple platforms. These are a few of the promises of the Business Intelligence industry. Data visibility and availability across business functions is one of the most critical functions for any system or application.

Data with flexible filtering, drill=downs and cross-system analysis is a reality. HxGN EAM, the premier global EAM solution can be seamlessly integrated with Power BI, Tableau and a host of other business analysis tools to create active dashboards, drill-down reports and real-time alerts across an enterprise.

The Data Fount Tool (DTL) for HxGN EAM removes the technical complexities of transferring data from HxGN EAM grids to a BI data source. Its visual interface allows even non-technical users the ability to create and update tables in the BI data source database and create any number of reports and dashboards.

Data Fount Tool for HxGN EAM

The Data Fount Tool (DLT) for HxGN EAM is intended to bridge the technical gap between extracting data from HxGN EAM grids and creating the programming structure to process the data and transfer it to the data source used by the BI tool.
It can be used by advanced functional users and IT professionals alike. The visual interface guides the user through selecting the grid fields from HxGN EAM that will be included in the BI data source and creates the necessary table structure in the data source, simultaneously generating the necessary code to process the transactions.

Data Fount Tool Specifications

The Data Fount Tool is custom-built to integrate with HxGN EAM, version 12 and higher. The default data source database used by the BI tools is MS SQL. Additional data source storage formats will be supported in upcoming tool versions. Fig. 1 summarizes the tool specifications and requirements.

FIG 1. DATA FOUNT TOOL SPECIFICATIONS

Component	Data Lake Tool Specification
HxGN EAM Version	12 or higher
HxGN EAM Deployment	Cloud or On Prem
HxGN EAM Database Type	Oracle and MS SQL
HxGN EAM License	Webconnector
API	RESTful API
Data Source Database	MS SQL
BI Tool Support	All BI tools supporting MS SQL data source - Power BI, Tableau, MicroStrategy, Zoho, etc.
Operating System	Windows and Linux
Insallation	Server install
User Access	Web based interface
Deployment	Hosted and Self-hosted
Licensing	Named user

Data Fount Tool Features

The Data Fount Tool is designed to seamlessly export data from HxGN EAM grids into an external data repository, which in turn can be used as a data source for BI tools or other purposes.

The tool works with any existing HxGN EAM List View grids and any custom created List View grids. There is no limit on the number of grids that can be processed. Custom grid modifications are also supported.

The custom grids feature an efficient update pull feature. After the initial data pull from the custom grid only new and updated records are transferred to the external database, improving performance and response time.

The Data Fount Tool package includes several custom-created grids and the respective MS SQL database tables. The grids contain data for the most commonly HxGN EAM functions and calculations, such as WO details, WO compliance, Booked labor, WO cost, Material transactions and PO and requisition activity.

The Data Fount Tool is available for cloud and on-premises customers and is offered as a hosted service or self-hosted installation. Both options are covered by an ongoing support and maintenance plan.