

VanJoh's Solution

VanJoh has on-board data analytics and business intelligence capabilities, and 33 years of Army master planning experience; so the solutions presented will enable agencies to make better and confident data-driven decisions, allocate funding more precisely, and improve overall performance.

With the right source data from Army legacy systems and certain key performance indicators (KPI's), database information **“relationally connected”** will provide all the value necessary to make the best **“business decisions.”**

VanJoh puts the right data into your teams' hands, providing better insight and analysis for **“actionable”** intelligence across the installation, so installation leaders and their teams can see the **“total solutions.”**

With our in-depth knowledge of Database Development & Implementation, Documentation Development, Web Development, and Data Analytics; and most important, a vast experience base in Army data architecture, VanJoh can help organizations to plan and implement data analysis, business intelligence, and dashboard projects quickly to support analysis and decision-making in the areas of plant, property, and equipment (PPE), asset management, space utilization, and master Planning.

Army garrisons and other military agencies are challenged today with the sheer volume of data available to analyze, and struggle with pulling this data from many databases/sources, cleansing it, and ensuring its integrity, leading to numerous excel spreadsheets or **“multiple versions of the truth.”**

VanJoh can greatly reduce your team's workload immediately, and eliminate data inaccuracies and duplication of efforts, so your team can focus on critical mission tasks and **“focused-analysis”** that **“moves the needle”** forward; not spend endless hours preparing the data for the eventual analysis stage.

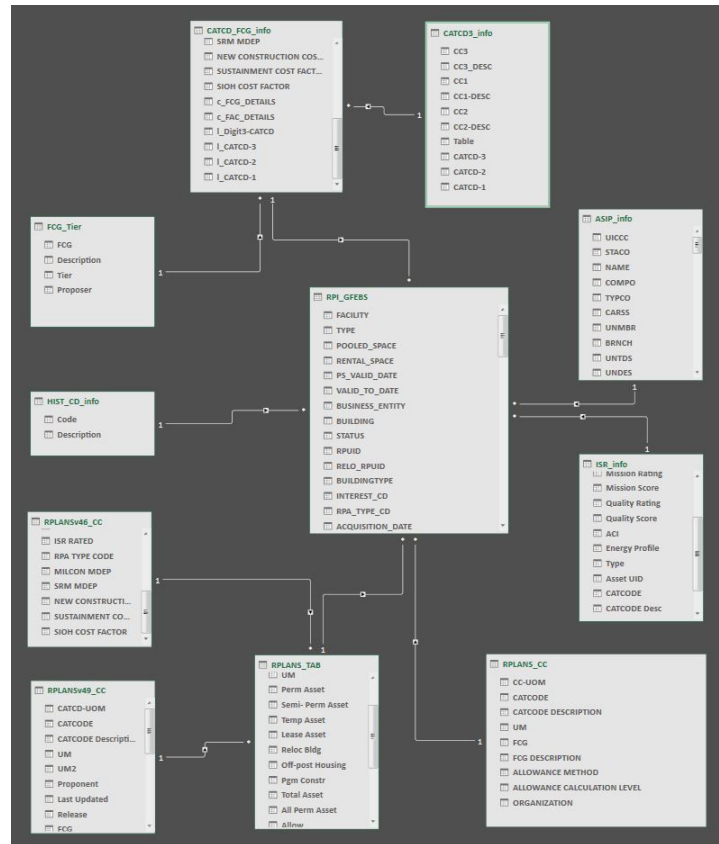


Figure 1. Army Suite of Databases, created by VanJoh

Turning Data Into Business Intelligence

Figure 2 - It's not magic. It's a VanJoh solution.

VanJoh's solutions are not magic, they are **"mission and facility focused"** that consolidates all-data into a **"single version of the truth"**, combining

utilization survey's and graphic visualization (through python, and Power BI) in an easy-to-use, highly intuitive single-application dashboard.

VanJoh's goal is to help organizations **ask rapid questions of their dataset** and get immediate, real-time answers. Properly formatted Dashboards and sophisticated Reporting provide highly formatted, print-ready, interactive reports with "drill downs to underlying data", enabling users to immediately answer questions from leadership – quick and accurate as one should expect.

Phase 1 – Information Gathering. VanJoh will conduct "focused facility surveys", not seek to survey every asset, many of which have little value to the real property inventory (RPI) and assigned missions of the federal installation. VanJoh will already have a basic "focused facility set" through the deployment of Data Analytics to begin the dialog and determine other pertinent information necessary to collect. Additional information will be gathered from the following.

- FSM (Facility Sustainment Model)
- RPIM (Real Property & Installation Lifecycle Mgmt Information Model)
- DAIS (Data Analytics & Integration Support Platform)
- RPAD (Real Property Assets Data)
- ASIP (Army Stationing & Installation Plan)
- RPLANS (Real Property Planning & Analysis System)
- ISR (Installation Status Report)
- HQIIS (Head Quarters Installation Information System)
- GFEBBS (General Fund Enterprise Business System)
- ePRISMS (Proactive Real-Property Interactive Space Mgmt System)
- RPCS (Real Property Classification System)

An early examination of the data and the "focused facility set" will govern what unique-information is further necessary to support the installation's objectives. That way, VanJoh can concentrate on the subsequent **physical inspections**, and "determine exactly" what is going to be field-captured. Finally, this relevant field-captured-data **"must support"** and populate all downstream systems the DOD uses to manage their real property assets.

Phase 2 – Model Testing & Validation. Figure 3 is the Army's suite of databases; arranged in an "relational database" hierarchy, not downloaded piece-meal and analyzed as stand-alone data sources. VanJoh builds the model to assist with the subsequent "physical inspections"- because "time is money" for all concerned. Once validated, **the model will define**; what real property assets are worthy of survey, what problems exist with the source-data, and what can be predicted in terms of efficiencies to the installation. The goal

here is to “get beyond what isn’t known” and avoid zeroing in on the wrong information.

Phase 3 – Recommendations & Reporting. When you look at your business results, you will naturally question why certain things are happening or are this way; that is the proper response because - **Question what you’re seeing.** Once you’ve done that getting to better and informed answers is guaranteed. VanJoh will provide comprehensive assessment reports with scoring details in multiple media; so, you will “**trust your data**” and be confident the investment decisions you’re making based on that data are the smart ones.

Finally, VanJoh will provide a roadmap of prioritized analytics opportunities, and the recommendations from the “focused facility set” that require updating in any of the legacy systems; keeping in mind, VanJoh is fully capable of doing all the manual editing as in-house staff are fully trained and have the proper credentials to perform any editing tasks in any of the legacy systems.

Our Commitment. VanJoh Graphics, LLC has been providing Information Technology Professional Services to government clients since 1998. Our reputation for success is due to



twenty (20) years of delivering superior IT management, Facilities Maintenance Management, and other related programming and systems management services to government agencies throughout the continental United States. At VanJoh, we will identify root problems early, plan the analytics, and quickly make progress to create

the solutions while communicating results early and often – with the end-game in mind – provide solutions that offer “actionable intelligence”.

A report sitting on a shelf does little to develop capital investment strategies and move an inventory of facilities into the future. VanJoh’s solutions are tailored to be “**Actionable**”.