CATHEXIS
DATA ANALYTICS

Data Analytics optimize performance by identifying trends, strengths, and weaknesses, and by predicting likely future outcomes.

PARTNERING FOR EXCELLENCE

COMMON CHALLENGES

HOW CATHEXIS HELPS

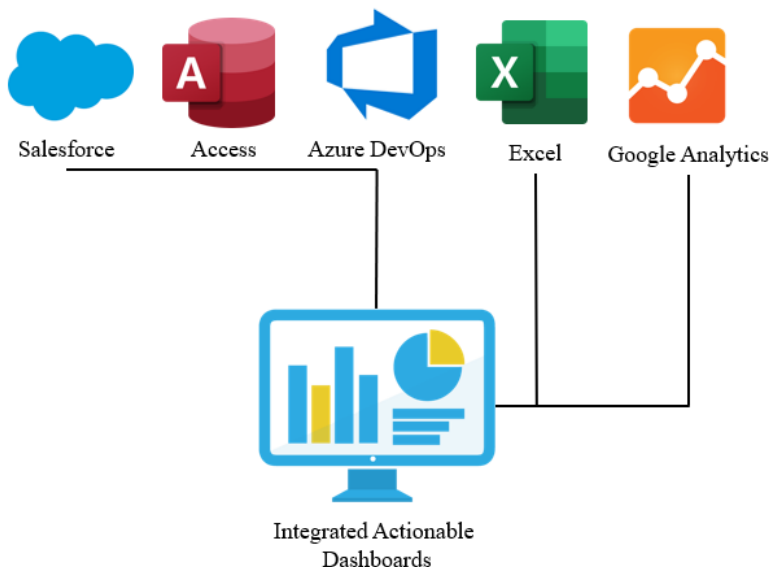| COMMON CHALLENGES	HOW CATHEXIS HELPS
Historical reports lack the details to support management goals for a data-driven culture	CATHEXIS **finds values and trends** and locates outliers and invalid values to understand current situations
Insufficient correlation connections can lead to false indicators of success	CATHEXIS identifies and provides **root cause** information and correlation between events
Inability to reliably predict future business events	CATHEXIS **forecasts** likely outcomes using observed trends of historical data
Lack of confidence in existing data to make data-driven decisions	CATHEXIS uses data to understand outcomes for different scenarios, allowing organizations to make **informed decisions**

CATHEXIS CASE STUDY

CLIENT CHALLENGE

Effectively manage existing data to be able to quickly investigate issues and locate areas for process improvement.
1. Design and build interactive metrics dashboards, with the capability to refresh daily from cloud-only data sources
2. Build interactive dashboards featuring tables and graphics that are tailored for specific user groups

Multiple Source Files

Salesforce   Access   Azure DevOps   Excel   Google Analytics

Integrated Actionable
Dashboards

CATHEXIS DELIVERED

CATHEXIS' Data Analytics team delivered operational improvements for a federal agency by understanding their current data, trends, and how data was used. Our analytics solutions provided measurable process and operational improvements, enabling the client to reach faster resolutions and increase productivity.

LET US HELP YOU

Our staff of technical experts offers the proven and innovative solutions that will drive your organization forward. We deliver the personal service and adaptability that you need. Contact us to learn how we can help!

CATHEXIS CAPABILITY STATEMENT

ISO 9001 | SDVOSB CVE

ANALYTICS SERVICE OFFERINGS

Descriptive Analytics | Diagnostic Analytics | Predictive Analytics | Prescriptive Analytics
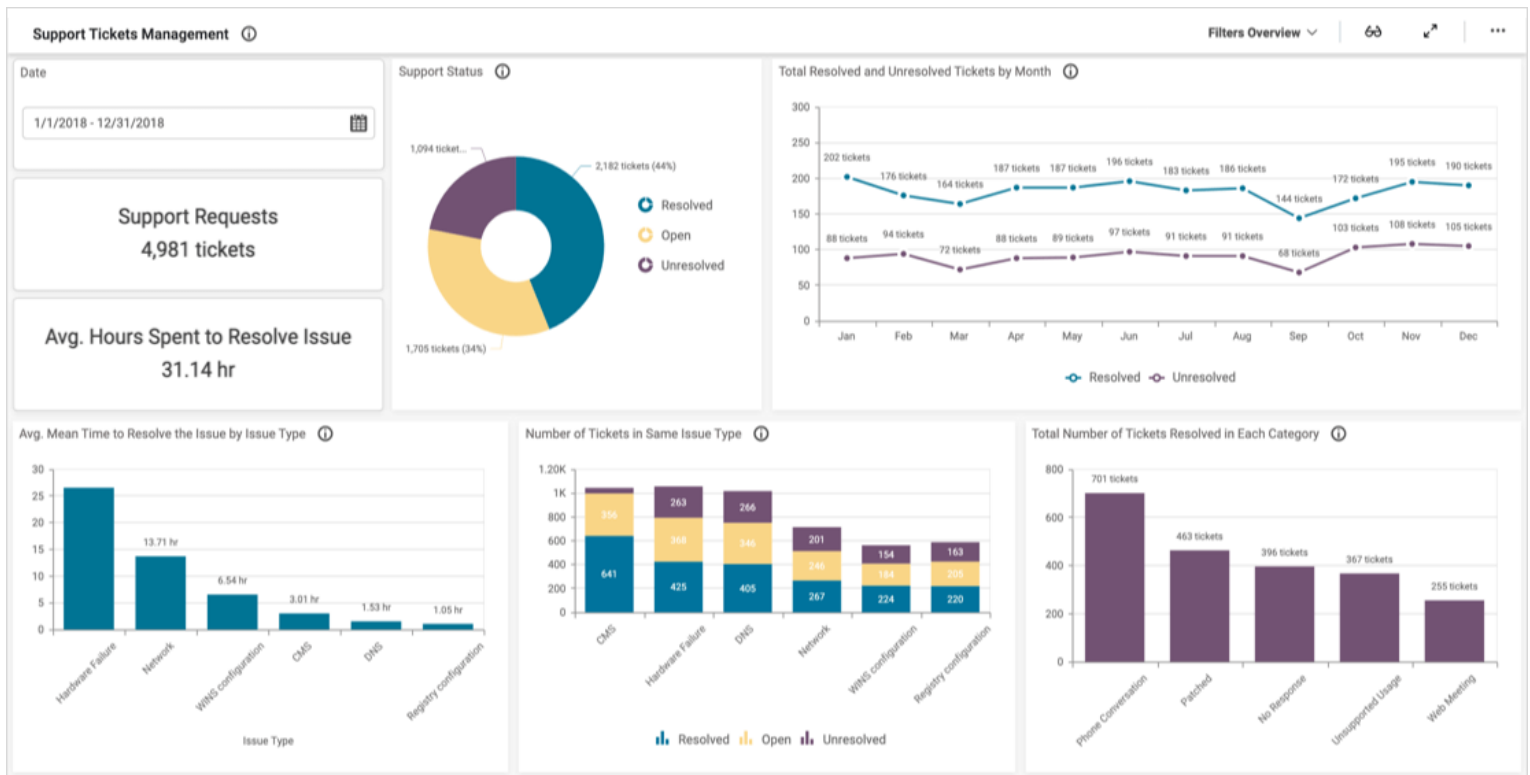
CATHEXIS believes that organizations work more efficiently and effectively when their organization has the knowledge, skills, and tools to continuously advance the organizations' quality and delivery. Our Team partners with organizations with the intent to understand their needs and deliver prescriptive solutions. Our services are strategic and designed specifically from our diagnostics taken; we use processes and algorithms, automate Data Analytics applications, prepare tailored reports and dashboards to optimize organizational performance. We strive to fulfill our vision with each of our clients through analysis and reporting that enables them to make each day better than the day before.

CATHEXIS offers a suite of Data Analytics services to meet the needs of Federal clients:

> 1. Descriptive, diagnostic, predictive, and prescriptive analytics
> 2. Evaluation and statistical modeling
> 3. Dashboards

> Selected Tools:
> - Power BI
> - MS Excel
> - MS Access
> - Tableau

HELPING CLIENTS TRANSFORM

Client: Department of Veterans Affairs (VA) Office of Information and Technology (OIT)
Services: Dashboards, descriptive analytics, operational analytics
Audience: Agency employees
Scale: Created six (6) comprehensive dashboards featuring hundreds of tables and graphics. They provide high-level and detailed views of the status of thousands of tickets for complex IT requests

Client: Department of Veterans Affairs (VA) Outreach, Transition and Economic Development (OTED)
Services: Descriptive analytics, diagnostic analytics, dashboards
Audience: Government employees, Congress
Scale: Dozens of brief reports and dashboards annually on a variety of datasets, reflecting transition-related courses and events touching over 250,000 military Service members