PANDATA TECH

DATA QUALITY EXPERTS

Precision Data. Strengthened Digital Defenses.

Pandata Tech Overview

In the digital era, data quality and cyber survivability critically influence an organization's success. Inferior data quality results in inaccurate analysis and poor customer experiences, while weak cybersecurity exposes organizations to breaches, leading to reputational and financial harm. Since 2016, Pandata Tech has been a leading provider of scalable data solutions, ensuring the usability, integrity, and security of client data, facilitating informed decisions and enhanced efficiency.

Cyber Survivability

Cyber survivability is the capability of an organization to counteract and rebound from cyber threats, maintaining vital operations. Pandata Tech delivers solutions to counter both internal and external cybersecurity risks. External risks arise from malicious outsiders attempting to breach systems, whereas internal risks stem from internal actors, employee errors, or faulty configurations, software, and hardware that compromise data quality. Emphasizing cyber survivability enables organizations to effectively prevent, detect, and counteract cyber threats, minimizing cyber incident impacts.

NAICS Codes (North American Industry Classification System Codes)

541715 - Research and Development in the Physical, Engineering, and Life Sciences

541614 - Process, Physical Distribution, and Logistics Consulting Services

541990 - All Other Professional, Scientific, and Technical Services

541690 - Other Scientific and Technical Consulting Services

513210 - Software Publishers

541511 - Custom Computer Programming Services

541513 - Custom Facilities Management Services

541519 - Other Computer Related Services

518210 - Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services

DoD Experience

A Suite of Products that Maximize Data, Streamline Operations, and Bolster Cyber Survivability.
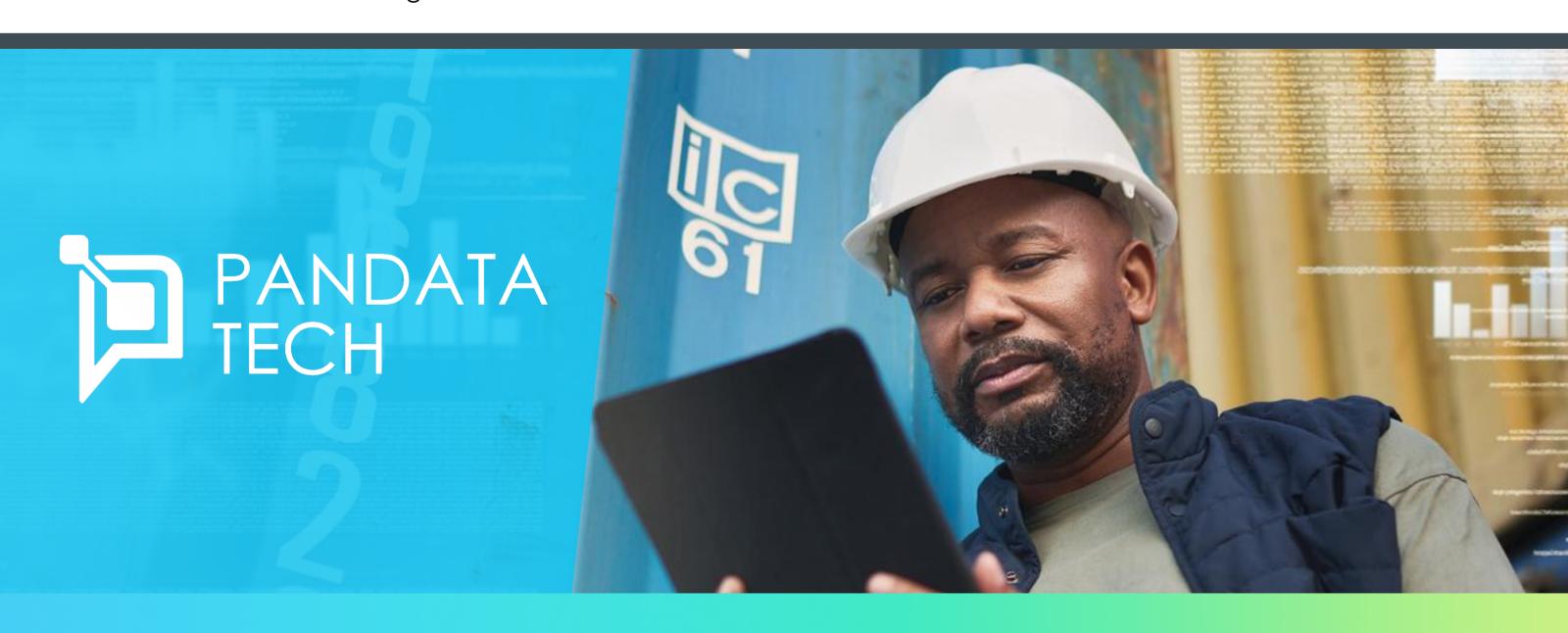
Data Quality Method Software

For defense professionals grappling with rising data volumes, maintaining data accuracy is critical for strategic decisions. Pandata Tech's Data Quality Method (DQM) is tailored for DoD's unique needs, while also being apt for sectors like SCADA/ICS, Energy, Fintech, and Manufacturing. This innovative software amplifies data quality and bolsters algorithm reliability by over 50%. Leveraging a unique AI/physics-based methodology, the DQM surpasses conventional methods like DVR, adeptly validating both numerical and Boolean time-series data. To underscore its efficiency, our DQM processed 4.5MM+ data points in just six minutes, compared to a week for a major O&G contractor. Adopting Pandata Tech's DQM ensures enhanced data accuracy and maximizes mission-critical productivity.

Human-Centered Data Labeling Tool

For defense professionals seeking enhanced data analysis, and not simply anomaly detection, Pandata Tech offers the Human-Centered Data Labeling tool. Tailored for the unique requirements of the DoD, this cutting-edge solution integrates AI and machine learning with human expertise, ensuring top-tier data labeling. By harnessing automated validation coupled with human-driven insights, we can expedite data cleaning and validation by up to 60%, providing nuanced intelligence from your datasets. This enables the crafting of advanced predictive models, placing the DoD at the vanguard of data intelligence. With Pandata Tech's tool, conserve resources and achieve unparalleled data insights for strategic decision-making.

ISAAC Risk Mitigation Platform

Amidst sophisticated cyber threats challenging our national defense infrastructure, Pandata Tech's ISAAC Risk Mitigation Platform stands as a pioneering solution tailored for ICS, SCADA, AI, and Cyber Survivability— vital components of DoD operations. By synergizing distributed ledger, AI, physics, and analytics, ISAAC crafts a robust zero-trust defense architecture, facilitating timely and decisive risk-mitigation actions. Beyond bolstering security, ISAAC also offers a 60% reduction in data validation costs, streamlining DoD operational efficiency. For defense units seeking paramount risk surveillance combined with outstanding value, ISAAC delivers.

PANDATA TECH

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