



## Company Profile: Grid Protection Alliance, Inc.

### 1. Company Overview

**Company Name:** Grid Protection Alliance, Inc. (GPA)

**Founded:** 2010

**Location:** Chattanooga, Tennessee, USA

**Industry:** Electric Utility Software Development

**Business Type:** Small Business, Not-for-Profit

Grid Protection Alliance, Inc. (GPA) is a not-for-profit organization dedicated to developing vendor agnostic, open-source and open-core software solutions that enhance the reliability and security of electric power grids. Since its inception in 2010, GPA has been at the forefront of creating innovative tools to support real-time grid operations and post-operation analysis.

### 2. Mission, Vision, and Values

- **Mission:** To facilitate the development of comprehensive electric energy solutions through collaborative open-source and open-core software projects, enhancing grid reliability, security, and efficiency.
- **Vision:** To provide open-source and open-core software solutions that empower electric utilities worldwide to manage their power systems effectively.
- **Values:** Innovation, Collaboration, Reliability, and Community Engagement.

### 3. Company Background

Founded in 2010, GPA's initial focus was on developing open-source software applications to manage and support real-time synchrophasor data. Over the years, GPA has expanded its offerings to address various utility data management challenges, including tools for managing data from digital fault recorders (DFRs), power quality meters, and comprehensive data historians.

### 4. Products and Services

GPA provides several open source and open core software solutions. In addition to providing software solutions, GPA also provides consulting services related to synchrophasor and point-on-wave data collection, management and storage systems.

GPA offers maintenance and support services for the following software applications:

- **openPDC:** A high-performance data concentrator platform for managing streaming synchrophasor and other time-series data in real-time.
- **openHistorian:** A back-office system designed to efficiently archive SCADA, synchrophasor, and other time-series data, supporting both real-time analysis for grid operations and post-operation engineering analysis.
- **openXDA Suite of Tools:** A comprehensive set of solutions for collecting, automatically analyzing, and storing point-on-wave event and interval data from digital fault recorders, power quality meters, relays, and other substation devices.

## 5. Business Structure & Leadership

GPA's board of directors includes several current and former industry leaders in the utility industry. GPA's executive leadership has over 100 years of combined experience in the electric utility sector and is committed to support GPA's not-for-profit goals of providing open-source software solutions to the industry.

GPA's key management team includes technical leaders well known in the industry, who represent GPA in several relevant standard governing bodies, such as IEEE and IEC.

GPA operates as a not-for-profit corporation, collaborating with electric utilities, proprietary software vendors, research organizations, and academia to develop software solutions that benefit the industry as a whole.

## 6. Target Market & Clients

GPA serves electric utilities, research institutions, government entities, and other stakeholders in the energy sector seeking robust, open-source and open-core solutions for time-series grid data management, retrieval, and analysis. GPA software is designed to operate with security and reliability incorporated into the core of every application. Current support clients include the Tennessee Valley Authority (TVA), Brazil's Operador Nacional do Sistema Elétrico (ONS), the U.S. Department of Energy, Austrian Power Grid (APG), as well as many other transmission and distribution utilities across the United States, Europe, and South America.

## 7. Contact Information

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