# Company Profile: Grid Protection Alliance, Inc.

## Company Overview

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

**Founded:** 2010

**Location:** Chattanooga, Tennessee, USA

**Industry:** Electric Utility Software Development

**Business Type:** Not-for-Profit Corporation

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.

## 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 be a leader in providing open-source and open-core tools that empower electric utilities worldwide to manage their power systems effectively.
* **Values:** Innovation, Collaboration, Transparency, Reliability, and Community Engagement.

## Company Background

Founded in 2010, GPA’s initial focus was on developing open-source products to support real-time synchrophasor data systems. Over the years, the organization expanded its offerings to address various utility information management challenges, including tools for digital fault recorders (DFRs), power quality meters, and comprehensive data historians.

## Products and Services

* **openPDC:** A high-performance data concentrator platform for managing streaming synchrophasor and other time-series data in real-time, based on the Tennessee Valley Authority's 2009 open-source release of the SuperPDC, which had been in production use at TVA since 2004.
* **openHistorian:** A back-office system designed to efficiently archive SCADA, synchrophasor, and other process control data, supporting both real-time grid operations and post-operation analysis.
* **openXDA Suite of Tools:** A comprehensive solution for collecting, automatically analyzing, and storing event and interval data from digital fault recorders, power quality meters, relays, and other substation devices.

## Business Structure & Leadership

* **COO:** Dr. Christoph Lackner
* **Key Management Team:** Erika Wills, Senior Manager of Product Development; Ritchie Carroll, Senior Architect
* **Organizational Structure:** GPA operates as a not-for-profit corporation, collaborating with electric utilities, proprietary software vendors, research organizations, and academia to develop software solutions.

## 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 grid data management, analysis, and security. Current support clients include the Tennessee Valley Authority, Brazil’s Operador Nacional do Sistema Elétrico (ONS), and Austrian Power Grid (APG) as well as many others.

## Contact Information

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