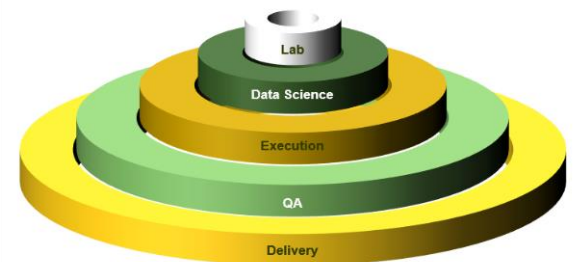# CHRYSALISGOLD

VISION

With the widespread adoption of IR4.0 data volume has experienced an explosive growth. Raw data from sensors, computed data generated by sophisticated analytics engines consuming the raw data, access to very inexpensive, elastic compute and storage and faster networks have all played a role in the creation of petabytes of data. Besides being voluminous this data is also inaccessible because of privacy and confidentiality concerns. These conditions could easily overwhelm budding AI developers and startups who do not stand a chance in creating innovative AI solutions and inventing novel AI techniques. ChrysalisGold was founded with a vision of **democratizing the use of Artificial Intelligence**, to provide a venue and platform for individuals and startups to access infrastructure, data, tools and mentoring.
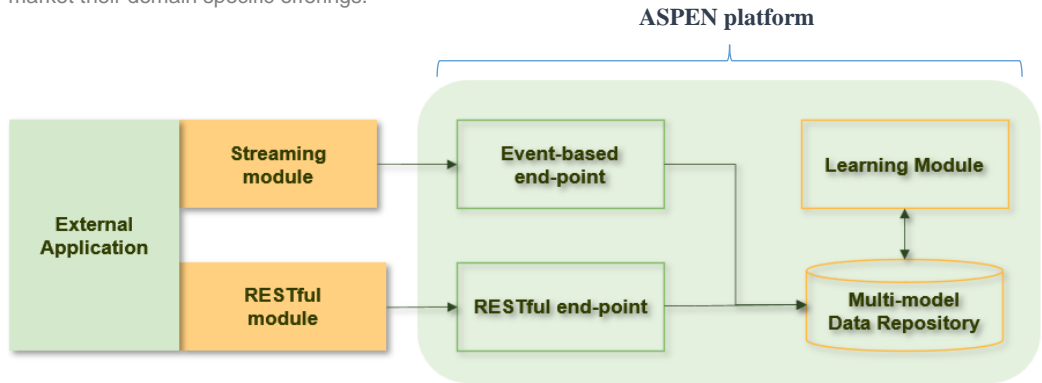

THE APPROACH

At the core of the ChrysalisGold approach is a lab headed by a Chief Scientist who is assisted by data scientists. This group sets the direction, decides on the frameworks to be used and designs the **feature engineering** for all the major efforts. The lab is also responsible for vetting and assessing startups and individuals with business ideas for their viability and practicality. The execution team is primarily responsible for the foundational platform that facilitates the conversion of concepts to prototypes and installable products.

FOUNDING PARTNERS

ChrysalisGold was founded by Akara Technologies and Covalensedigital Ltd. Akara Technologies is a Systems Integrator focusing on developing a customer base in the Middle East in the Oil & Gas sector. Covalensedigital is a global corporation providing products and services that help monetize the subscriptions in the Telecom industry, with offices in 6 geographies and customers spread across 16 countries. The founding partners not only bring a wealth of experience in their respective domains but also a vast contacts base that provides ChrysalisGold a steady stream of business problems to work on. ChrysalisGold has already diversified and has worked in the Insurance industry and is currently working on a real-estate title industry problem.

CHRYSALISGOLD

ASPEN

Aspen is the base platform developed by ChrysalisGold that provides foundational services to all the extensions that were specifically developed to address problems in various domains. The key components of the platform are a messaging bus that allows for the movement of data withing the platform, a well-documented API that can be used to interact with the platform programmatically, and a multi-model data repository where key/value, document and graph data can co-exist. The Aspen platform is highly extensible. Bridges have already been developed to access R and Python applications. ChrysalisGold envisions the emergence of an Aspen platform-based ecosystem where third-party app developers can develop and market their domain specific offerings.

ASPEN platform

AI PLATFORM

The guiding principle of ChrysalisGold is "*We will not re-invent but we are not afraid to invent*". Under the guidance of Dr, Ravikumar Karumanchi, Chief Scientist & Director, ChrysalisGold has begun innovating and generating IP. The AI platform, therefore, is a combination of the best of breed off-the-shelf tools and built for purpose algorithms developed to address very specific problems.

INDUSTRIES AND VERTICALS

ChrysalisGold has solutions in place in the Oil & Gas, Telecom and Retail industries. The team is actively working in the RPA, Equipment Condition and Controls verticals. With Aspen platform serving as a foundation, the relevant domain expertise was tapped to solve specific business problems in each of the areas. ChrysalisGold envisions growing each one of these specializations into a practice that can cater to the needs of our customers.

CONTACT

info@www.chrysalisgold.com

Bengaluru, India

+91 80 4642 0000