

AC-TECH

JAN 2026



AC-TECH OVERVIEW

Established in 2018 by the founders of PPS-Austria, we focus on the Cypriot market by delivering end-to-end industrial solutions—from planing, design and engineering to erection, commissioning, and ongoing support—ensuring reliability, efficiency, and long-term value for our clients, with respect and integrity.

Our core industries include **Power, WtE** and **Oil & Gas** and we are proud to collaborate with first-class international partners such as **ANDRITZ AG, ARVOS GROUP**, and **DELTRIAN INTERNATIONAL**, enabling us to deliver world-class solutions supported by global expertise.

Over the past 2.5 years we expanded our services to include **Software Development, Data analytics** IT and AI consultancy which will explore in this presentation

As part of this evolvment, we have developed **PrediDocs**, our proprietary in-house ERP platform, designed to streamline operations, enhance data visibility, and support intelligent decision-making across business functions.

AC-TECH Services



PLANNING / DESIGN

Customized engineering covering feasibility studies, Estimations, Basic Engineering, Modeling 2D/3D, Detail Engineering

1

ERECTION /PM

On-site execution focused on resource allocation, Project management, QA/QC, HSE, certified Welders and QA/QC Welding engineers.

2

COMMISSIONING

System integration, performance validation, and ramp-up support to ensure systems perform to specification from Day One.

3

SPARE PARTS

We match customer specs, optimize logistics and deliver high-quality, best-value spare parts, including reverse engineering.

4

AFTER SALES SUPPORT

Partnership beyond the hand over featuring technical support.

5

+28 Years Experience

Vasilikos Power Station Erection Boilers 1,2,3

7 Years , Site Supervision and Site Management
Austrian Energy & Environment and Ansaldo
Caldiae S.p.A

DE, AT, FR Power /Pulp and Paper Plants

8 Years , PM & Head of Field Services Power
Boiler Service Division Andritz AG

Vasilikos Power Plant Rehabilitation

3 Years, Andritz AG Project Director

Industrial Plants +200 Projects

10 Years , PPS Managing Director, AC-TECH
Co-Founder / Project Manager
Projects of 1M€+ Managing teams of 70+ people

Our Values

SIMPLE

Simple in our
Operations &
communication
–fully Automated



- Small & Flexible
- Simple in our processes & work streams
- Focus on Innovation and Automation

OPEN

Transparent to our
communication with
Respect with
Customer teams
and Partners



- Transparency
- Honesty
- Integrity
- Trust
- Win / Win Mentality

INTEGRATED

Team Oriented
–People Focus



- Teamwork and collaboration with Internal and External Teams
- Respecting client needs through strong commitment

PASSION FOR QUALITY

Client Centric



- Continuous improvement mindset
- Customer-focused quality
- **Commitment to excellence** in every detail

PROJECT REFERENCES: CY MARKET

2026

Dhekelia Power Station

Boiler U3 CC bottom panels replacement incl. refractories

Completed

Dhekelia Power Station

Partial Replacement U1 & U3 ECO Coils incl Fabrication, & Installation

Completed

Dhekelia Power Station

Boiler 3 Condition Assessment

Completed

2025

Vasilikos Power Station

U3 FGD GGH Heating Elements

Completed

Vasilikos Power Station

6FA+e Gas Turbines Air Intake Filters Set

Completed

Vasilikos Power Station

RH Piping Modifications & U3 Safety Valves

Completed

2024

Dhekelia Power Station

Boiler U1 & U2 CC bottom panels replacement incl. refractories

Completed

Vasilikos Power Station

Boiler U2 RH2 Piping Modifications

Completed

Dhekelia Power Station

U1 Furnace Side Wall Tubes Repair

Completed

Why AC-Tech



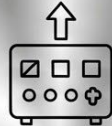
AREAS OF COLLABORATION!



**Tender
Preparation
Support**



**Erection E2E
(Mechanical &
Electrical
Subcontracting)**



**Commissioning
Support**



**Defects
Liability Period
Support**



**After Sales
Support**

Benefit : One point of Contact Less Errors / Best Quality / Less cost



AC-TECH

Examples of Cy Market projects

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Electricity Authority of Cyprus - Dhekelia Power Station

U3 Manufacturing, Delivery, Installation of CC Bottom Panels + Refractories

Customer: EAC

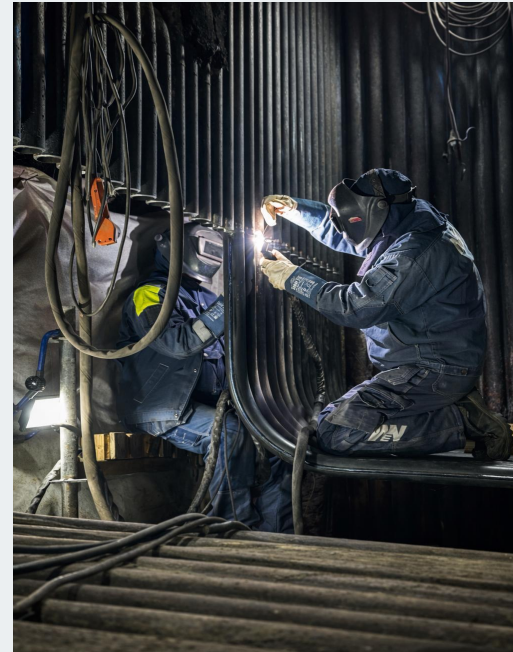
Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Delivery and installation

Completion: 2026

Description:

Fabrication and delivery of boiler bottom panels Supervision and installation of the complete combustion chamber bottom on Boiler 3 and installation of the refractories after pressure test and NoBo approval.



Team
20



Budget
420K€



Satisfaction
5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U3 Condition Assessment

Customer: EAC

Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Inspection and Condition
Assessment of Boiler 3

Completion: WIP

Description:

Issuing of ITP, on Site visual and NDT inspections.
Final report including analysis of findings, replica
evaluation, life time calculations of critical
components , evaluations and recommendations.



Team

5



Budget

40K€



Satisfaction

5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U1 & U2 Manufacturing, Delivery, Installation of CC Bottom Panels + Refractories

Customer: EAC

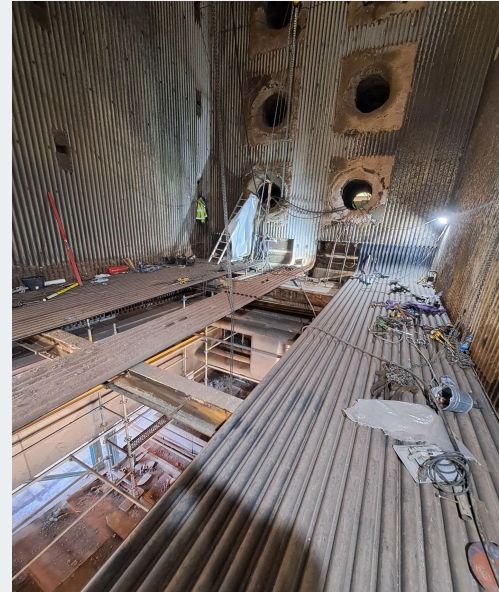
Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Delivery and installation

Completion: 2024

Description:

Fabrication and delivery of boiler bottom panels Supervision and installation of the complete combustion chamber bottom on Boilers 1 & 2 and installation of the refractories after pressure test and NoBo approval.



Team
20



Budget
725K€



Satisfaction
5/5

Electricity Authority of Cyprus - Vasilikos Power Station U2 RH2 Elbow Exchange

Customer: EAC

Plant: Power Plant with HFO fired Boiler 390 t/h steam flow (543° C/145,8 bar a)
Fuels: HFO

Services: Supply and Erection

Completion: 2024

Description:

Delivery of new elbow for RH2 inlet header connecting piping, exchange of elbow and repair of RH attemperator nozzle. Quality documentation.



Team

6



Budget

10K€



Satisfaction

5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U1 Furnace Side Wall Tubes Repair

Customer: EAC

Plant: Power Plant with HFO fired Boiler 260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Erection works

Completion: 2024

Description:
Supervision of repair of the furnace side wall tubes of Unit 1.



Team

8



Budget

18K€



Satisfaction

5/5

Electricity Authority of Cyprus - Vasilikos Power Station U3 FGD GGH Heating Elements

Customer: EAC

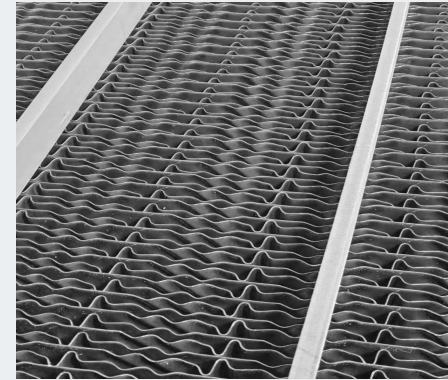
Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Supply

Completion: 2025

Description:

Fabrication and delivery of a new generation of heating elements for the Gas-Gas Heater of the Sea Water Desulphurization plant of Boiler Unit 3



Team

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Budget
180K€



Satisfaction
5/5

Electricity Authority of Cyprus - Vasilikos Power Station 6FA+e Gas Turbines Air Intake Filters Set

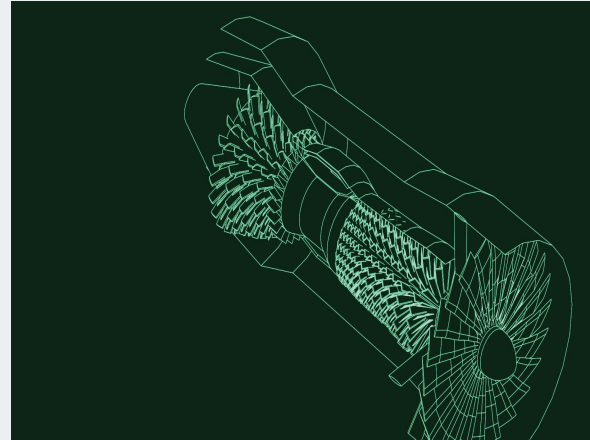
Customer: EAC

Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Supply

Completion: 2024

Description:
Supply and delivery 6FA+e GT Compressor
Air Inlet Replacement Filter Set, consisting
of 256 pairs of cylindrical cartridges



Team

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Budget
88K€



Satisfaction
5/5

Electricity Authority of Cyprus - Dhekelia Power Station Phase I and II AH bearing housing

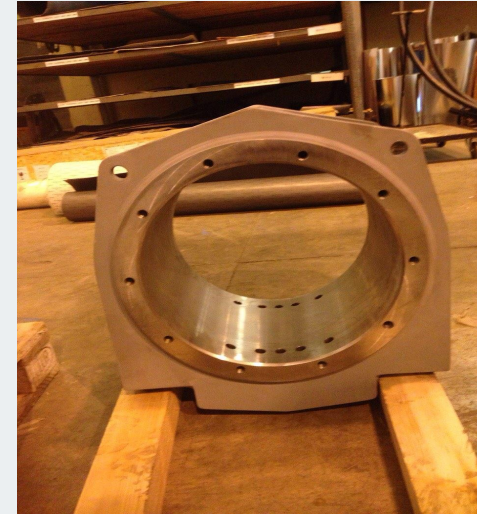
Customer: EAC

Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Supply

Completion: 2025

Description:
Supply and delivery of 1 set of bearing housings (cold and hot side) for Phase I (Unit 1 & 2) and 1 set for Phase II (Unit 3 & 4)



Team

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Budget
100K€



Satisfaction
5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U3 Superheater 2 Outlet Header Nozzles Supply and Replacement

Customer: EAC

Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Supply and Installation works

Completion: 2026

Description:
Supply, delivery, and installation of
13CrMo4-5 nozzles with complete quality
documentation.



Team
5



Budget
K€



Satisfaction
5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U3 Economiser Outlet Header Nozzles Supply and Replacement

Customer: EAC

Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Supply and Installation works

Completion: 2026

Description:
Supply, delivery and installation of Outlet header nozzles in P265GH-TC2 quality with complete quality documentation.



Team

5



Budget

K€



Satisfaction

5/5

Electricity Authority of Cyprus - Dhekelia Power Station

U1 Economiser Coils Manufacturing, Delivery and Installation

Customer: EAC

Plant: Power Plant with HFO fired Boilers
260 t/h steam flow (515 °C/91 bar a).
Fuels: HFO

Services: Delivery and installation

Completion: 2026

Description:
Manufacturing, delivery and installation of Economiser Coils in P265GH-TC2 quality with complete quality documentation.



Team
12



Budget
K€



Satisfaction
5/5

Electricity Authority of Cyprus - Vasilikos Power Station

U3 CRH Safety valves Design Upgrade, Supply and Installation

Customer: EAC

Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Supply and installation

Completion: 2026

Description:
Design Upgrade, Supply and Installation of
Safety valves with complete quality
documentation.



Team

4



Budget

Κ€



Satisfaction

5/5

Electricity Authority of Cyprus - Vasilikos Power Station Gas Turbines 41&42 Natural Gas piping Installation

Customer: EAC

Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Installation

Completion: 2026

Description:
Installation of Gas Turbines 41&42 Natural
Gas piping - carbon steel with complete
quality documentation.



Team

7



Budget

K€



Satisfaction

5/5

Electricity Authority of Cyprus - Vasilikos Power Station

Unit 2 RH2 Pipe Exchange

Customer: EAC

Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Installation

Completion: 2026

Description:
Delivery of new pipe for RH2 inlet header
and exchange, with complete Quality
Documentation.



Team

4



Budget

K€



Satisfaction

5/5

Electricity Authority of Cyprus - Vasilikos Power Station

Unit 3 SH3 coil supports modification

Customer: EAC

Plant: Power Plant with HFO fired Boiler
390t/h steam flow (543 °C/145,8 bar a)
Fuels: HFO

Services: Installation

Completion: 2026

Description:
Modification of supports and installation.



Team

3



Budget

K€



Satisfaction

5/5



APPENDIX

AC-Tech Digital Services

TAILOR MADE SOFTWARE DEV

End-to-end custom development covering Analysis, Design, Development, Testing, Implementation and Support.

1

IT CONSULANCY

Expert guidance on IT strategy, architecture, and system optimization to align technology with business goals.

2

AI TRANSFORMATION

Strategic advisory and implementation to adopt AI, optimize processes, and drive intelligent decision-making.

3

DATA ANALYTICS

Advanced analysis and visualization uncovering insights to support data-driven decisions.

4

PREDIDOCs ERP TRANSITION

Implement and support PrediDocs, an in-house ERP platform that combines six core modules into a single cloud and AI-driven solution.

5

```
context):  
...most_active_object is not None
```

Data Analytics Framework



DESCRIPTIVE ANALYTICS

Statistical Algorithms:

- Mean & Standard Deviation
- Frequency Distributions
- Data Aggregation

Real-World Example (Airline):

Monthly passenger counts and average delay times to understand past performance



DIAGNOSTIC ANALYTICS

Statistical Algorithms:

- Correlation Analysis
- Chi-Square Test
- Regression Analysis

Real-World Example (Insurance):

Analyzing why claim rates increased by linking claim frequency with customer age or location



PREDICTIVE ANALYTICS

Statistical Algorithms:

- Linear Regression
- Logistic Regression
- Time Series Forecasting (ARIMA)

Real-World Example (Employment):

Predicting employee turnover based on salary, tenure, and performance ratings



PRESCRIPTIVE ANALYTICS

Statistical Algorithms:

- Optimization Models
- Decision Trees
- Simulation (Monte Carlo)

Real-World Example (Airline):

Recommending optimal ticket pricing and seat allocation to maximize revenue



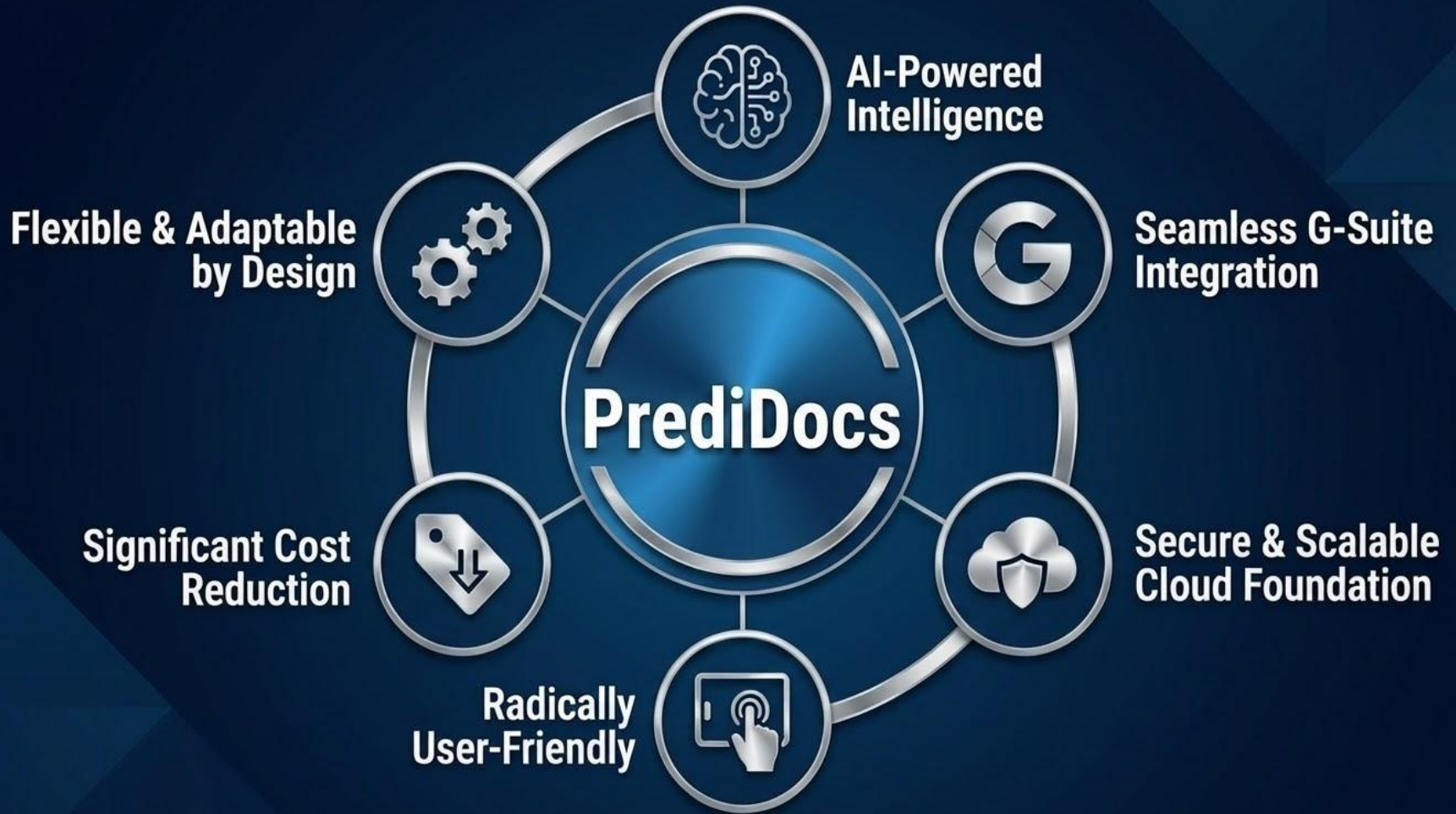
Product 3

Dec

PrediDocs

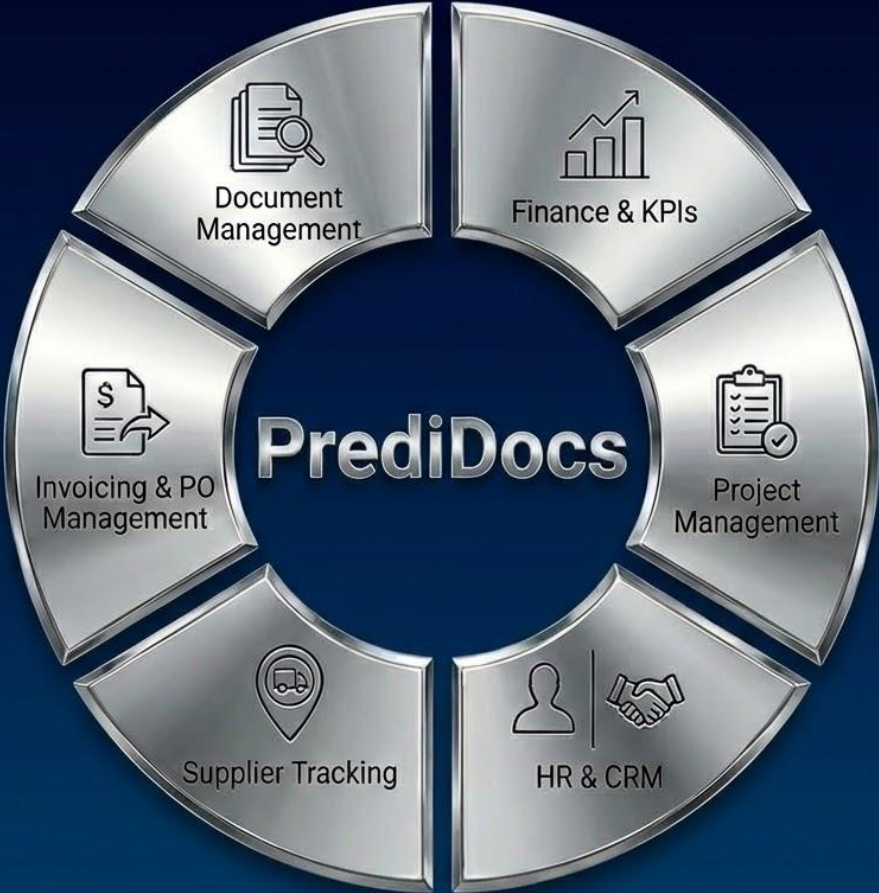
6 pillars of a Smarter ERP

> PRESENTATION



PrediDocs

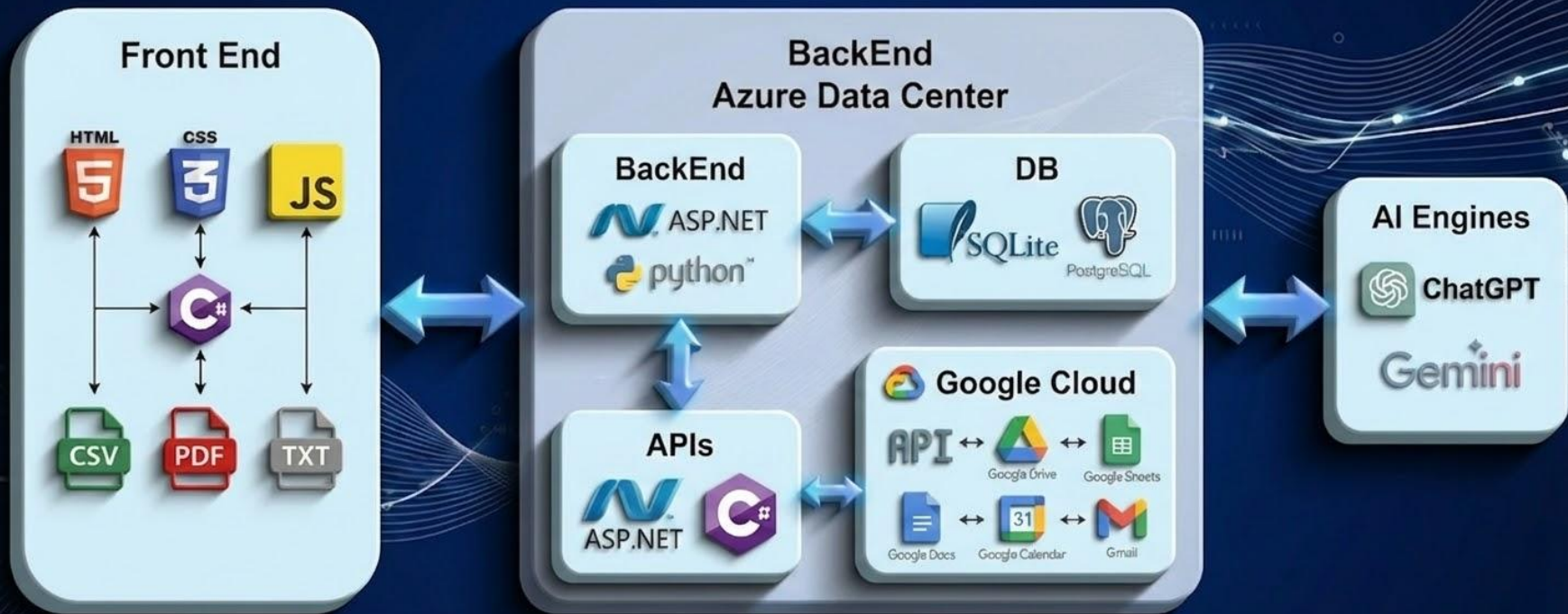
ERP Modules



> **PRESENTATION**

One Integrated Platform to Run Entire Operation

PrediDocs Architecture



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Thank you!

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