



//ADASTRA

Success Stories & Starting Points

Digital Twin Conference 2024

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Practice Lead – Digital Twins



Table of Content

Introduction

Generating Business Value : Success Stories

Digital Twins in VR and AR

Getting Started



Adastra delivers industry leading **Solutions and Services** across the **Data & Digital** spectrum

MODERN ARCHITECTURE

- Enterprise Architecture
- Cloud Architecture
- Cloud Computing
- Data Lake
- Data Engineering
- Managed Services

DATA MANAGEMENT

- Data Governance
- Data Quality
- Master Data Mgmt
- Reference Data Mgmt
- Meta Data Mgmt
- Data Lineage
- Privacy & Security
- Cybersecurity

ANALYTICS

- Business Intelligence
- Visualization
- Machine Learning
- Artificial Intelligence
- Natural Language Processing
- RPA & IPA
- Simulation & Optimization

APPLICATION DEVELOPMENT

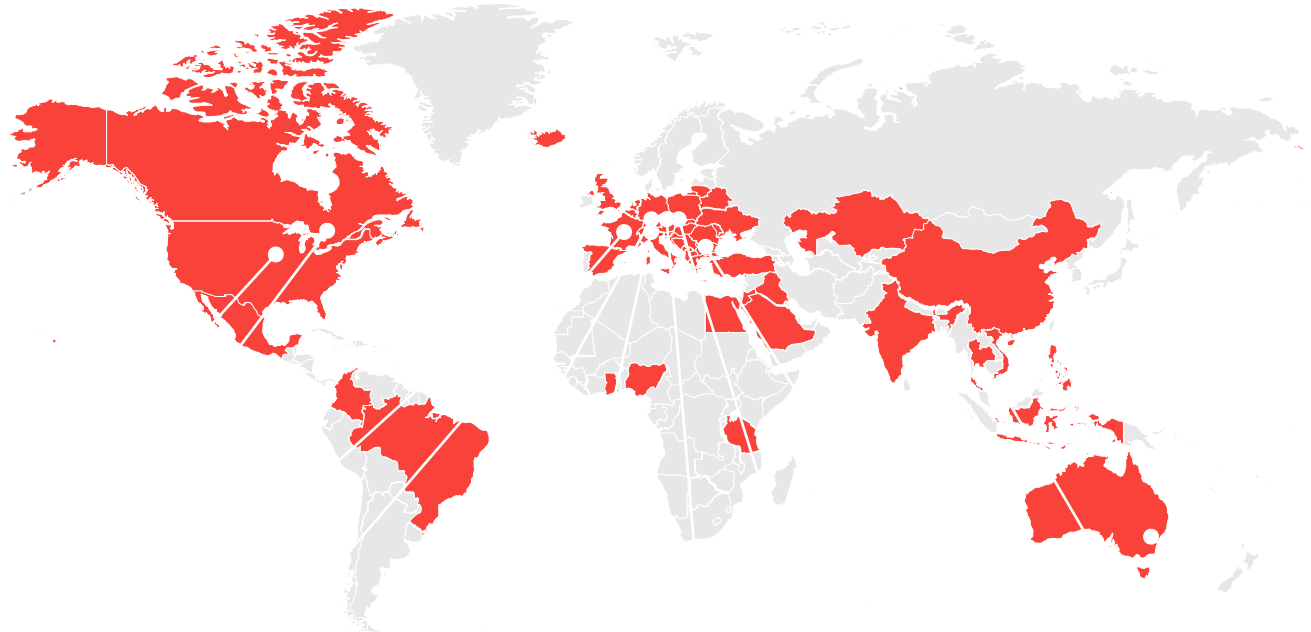
- Web Development
- Application Migration
- Application Modernization
- Mobile Development
- UX/UI
- Personalized Videos
- Emerging Technologies



2,000+
PROFESSIONALS

23 OFFICES
GLOBALLY

ADA GROUP WORLDWIDE



//ADAstra ataccama //ABC



ADAstra.ONE

BLINDSPOT.AI





Adastra Success Stories

Adastra has successfully architected / implemented Azure Modernization solutions for > 150 organizations in the last 24 months. Select clients:



Next Done Now.™





1 Physical System



3 Data connecting the two



2 Digital Representation

4 Business Outcomes



- ④ **Reduced Operational Risks**
- ④ **Enhanced Asset Reliability and Safety**
- ④ **Reduced Waste (materials & manpower)**
- ④ **Improved Process Quality**



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Use Case 1

Industrial Salt Manufacturing Plant

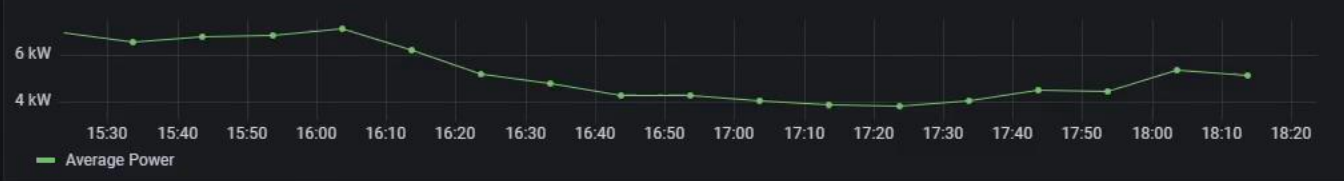
Brine Inflow (CFM)



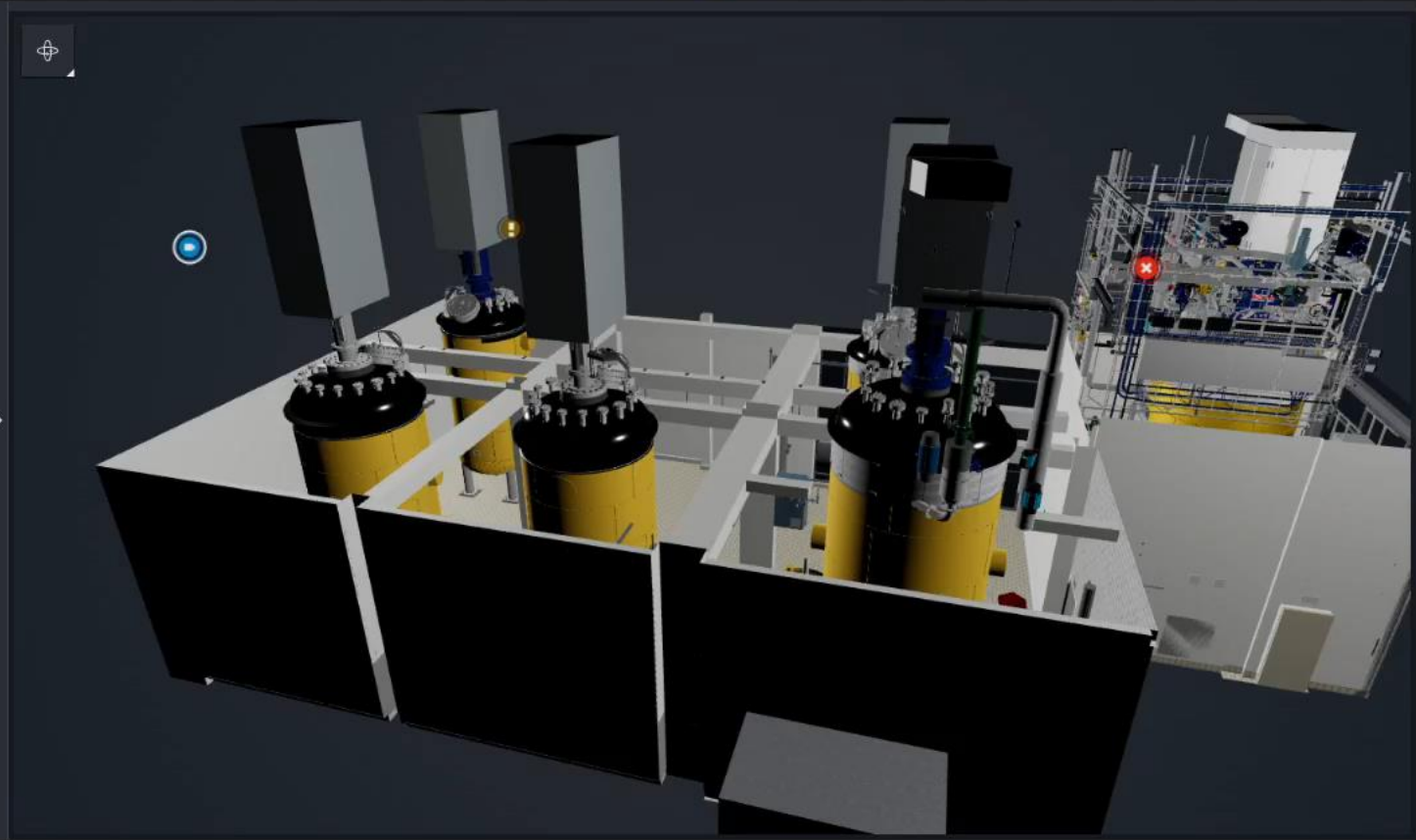
Steam Pressure (PSIG)



Power Consumption



Evaporation Hall -A



Evaporation Hall A - CCTV Feed

A video player interface for a live CCTV feed. It includes a play button, a 'LIVE' indicator, a progress bar, volume and full-screen icons, and buttons for 'Last 5 minutes' and 'Request Video'.



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Use Case 2

Power Transmission



AA



Use Case 3

Hydro Power Plant





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Digital Twins

Virtual Reality / Augmented Reality

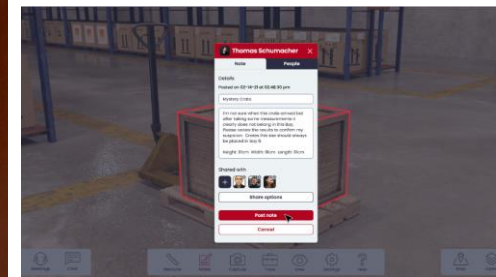
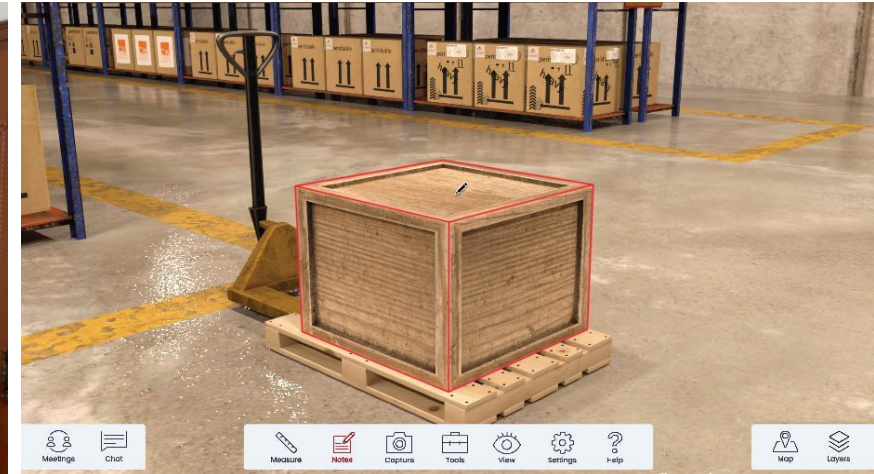


Virtual Reality Scenarios





Augmented Reality Scenarios



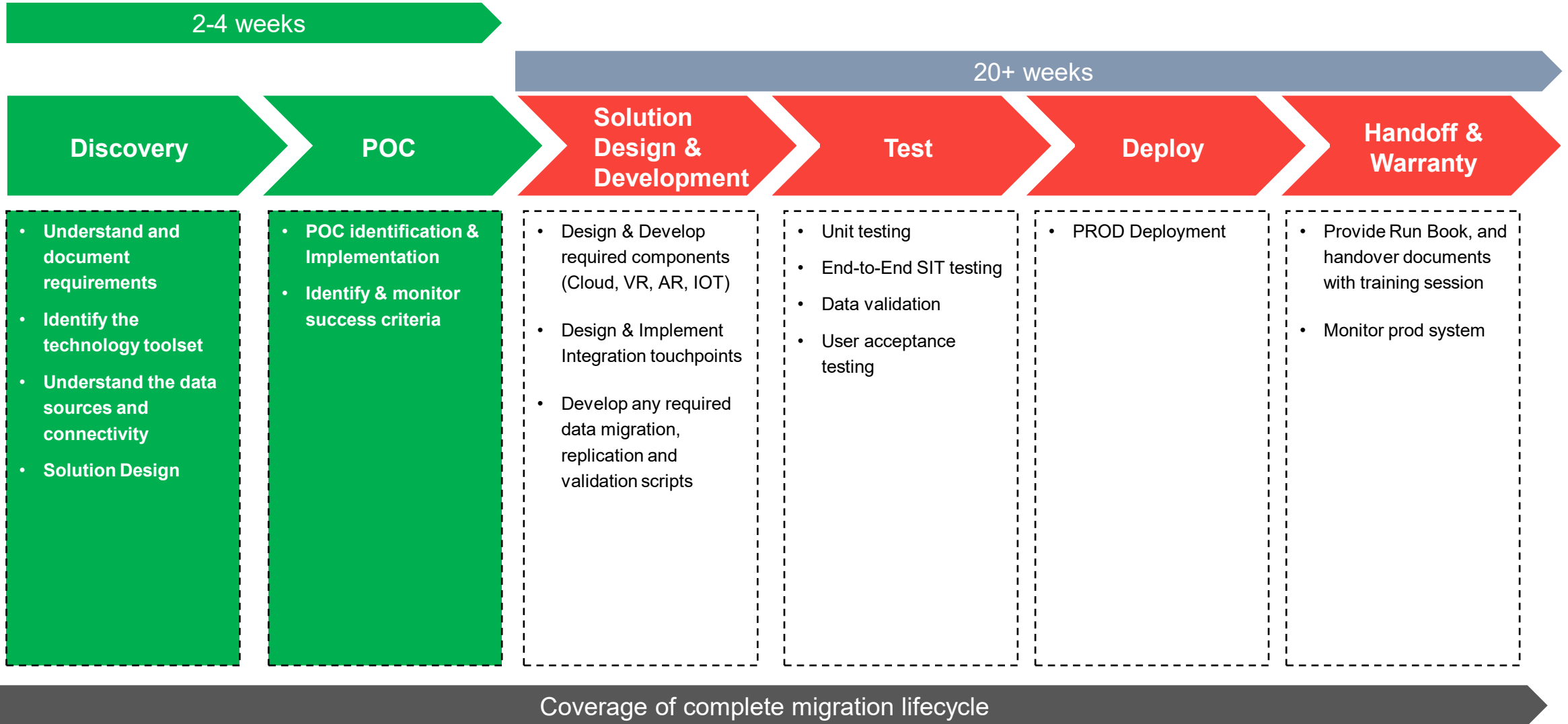
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Getting Started



Methodology / Approach





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