ADASTRA

ReportWorks

Fueling Education with trusted insights

The Opportunity for BI In Education

Elevated Student Experience

Leverage actionable insights to help influence student performance, graduation rates, curriculum, and more.

Improved Regulatory Efficacy

Accurate and trusted reporting, adhering to regulatory requirements and funding opportunities.

Efficiency and Productivity

Make better decisions, faster with accessible and actionable insights.

Barriers To Success

- Data is in silos
- Lack of visibility and transparency
- IT represents bottle necks
- Decision makers are not connected to their data
- Extracting insights is a long and tenuous process
- Educators are not collaborating with the same processes or insights

ReportWorks For Education

Adastra ReportWorks allows educators to answer their most complicated questions with actionable insights, derived from their data, empowering them to:

- Make better decisions
- Save time on traditional reporting
- Unveil new insights
- Deliver better outcomes
- Allow access to and broadly share insights

Adastra ReportWorks

Accelerated Deployment

Data + Idea → **Report Works** → **Reporting Excellence**

- **Files**
- **Database**
- **Education Tools**
- **More...**

Industry Leadership

Pre-built ReportWorks Blocks

Scalable Delivery pods

Center Of Excellence

Power BI

Accelerated Delivery

Cost-responsible Delivery

Effective Report Design

Leading Data-Driven Transformation in Education

Adastra ReportWorks is the **only Education-Exclusive BI service** that offers accelerated dashboard and Reports delivery on Azure Power BI

With 20+ years of experience, Adastra has a long record of success helping post secondary and K-12 educators extract value from their data on Azure with clear and accessible insights.

We have curated a suite of best practices and accelerators to ensure successful delivery with our Center of Excellence.

ReportWorks Blocks

Leverage prebuilt ReportWorks Blocks for common education use cases

K-12

Student Success	Attendance Reporting	Capacity Planning	Recruitment
HR & Labour Relations	Facilities Analytics	Content Management	SIS Data Analysis
Student Safety	Faculty/Staff	Financial Aid	Advancement
Program Development	Regulatory Compliance	Portal Click-stream	Admissions

Post Secondary

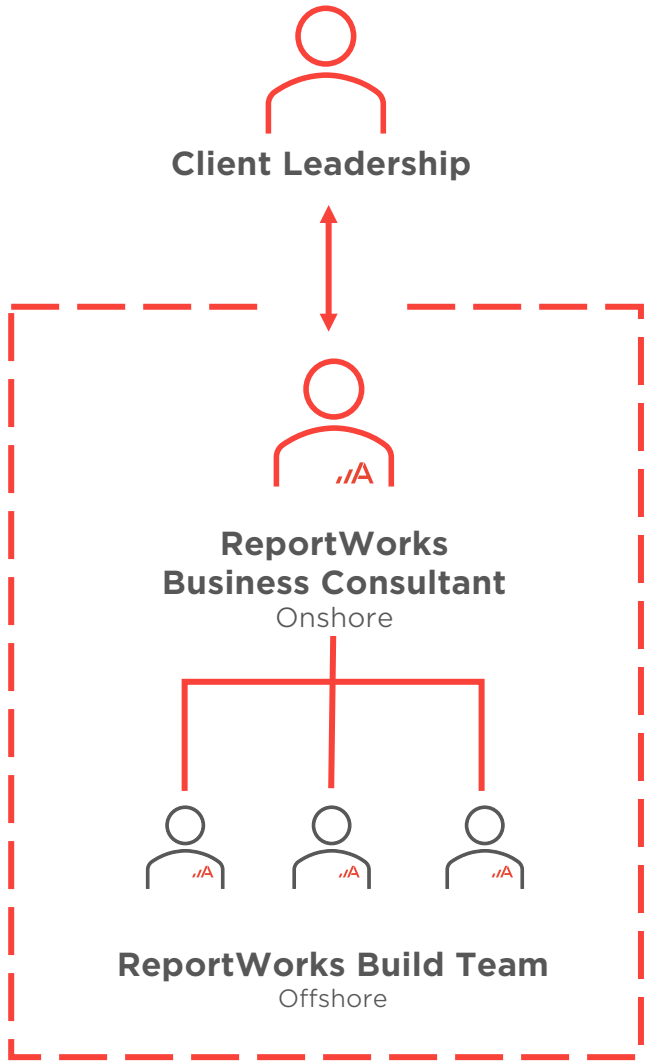
Classroom
SAP
salesforce.org
modern campus
blackbaud
Edsby
brightspace by D2L
PowerSchool Powering Brighter Futures
ellucian
Follett

ReportWorks – Delivery Pods

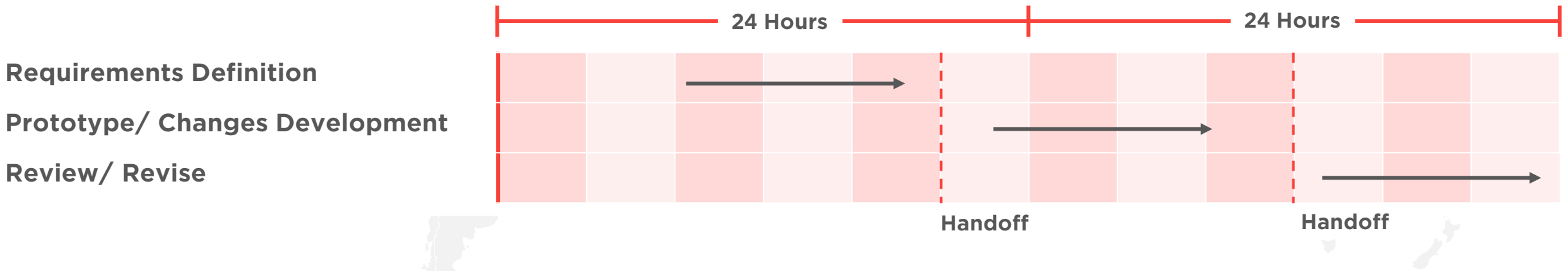
Contract dedicated **ReportWorks delivery pods**, specialized in education, that focus on the development of your reports.

Receive an optimal mix of talent and value with our setup of an onshore business consultant and offshore build team.

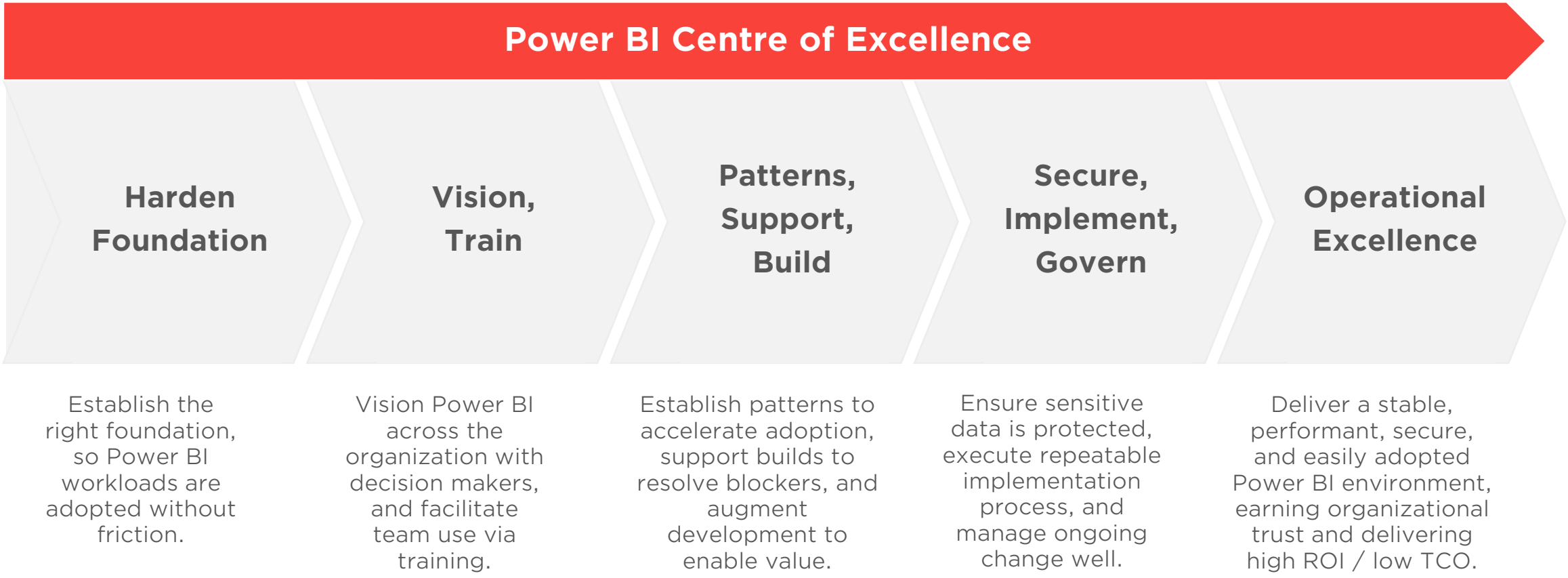
Contract pods for monthly cycles and scale to accommodate greater report development.



Around The Clock Productivity



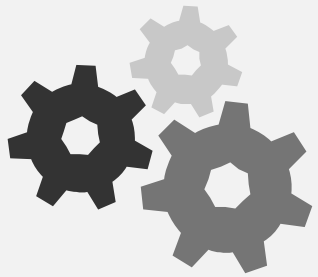
Adastra Power BI Center Of Excellence



Why Power BI

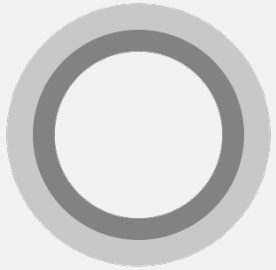
1 Integration

- Power BI is natively integrated with Office 365, Azure and Dynamics



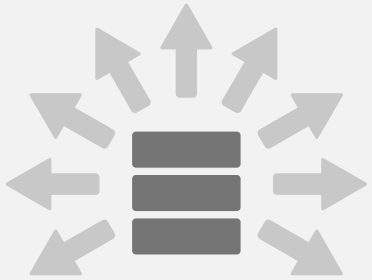
2 Advanced Features

- Natural Language Query
- Custom visualizations
- R integration
- Azure Machine Learning Integration



3 Compliance

- Enterprise grade administration, security and accessibility features



4 Industry Leader

- Leader in Analytics and BI platforms by Gartner in 2020
- Wide adoption in the Government of Canada

5 Low TCO $

- Authoring is free with Power BI Desktop and extension of Enterprise BI to everyone is cost effective with Power BI Pro and Premium

Our Customers

McMaster University

York Region District School Board

Université Concordia University

HUMBER

SAIT

University of Calgary

Success Story

Situation

In efforts to increase the flexibility of their systems and processes to adapt to the quickly evolving nature of post-secondary education services, Adastra's Canadian client engaged in a project to onboard a new Student Information System (SIS). As with the legacy SIS systems, Humber recognized opportunities to increase the value of their robust Business Intelligence functions by modernizing these systems.

Project

Adastra's team worked to define the report requirements, acquire the source data, and successfully prepare this report using Power BI. The report centered around automating one of the reports post secondary education institutions are required to produce on a recurring basis for the Ontario Ministry of Education. As these reports are uploaded from all the related post-secondary institutes in Ontario, the reports are required to confirm to a very specific format to facilitate successful upstream processing by the Ministry of Education.

Benefits

Adastra connected multiple SIS's to collate their information into one single source of truth. The report simplified the process for gathering and consolidating the data to adhere to their ministry requirements and designed a pattern of ingestion for future iteration. The report into place, our client experienced a newfound efficacy and error elimination.

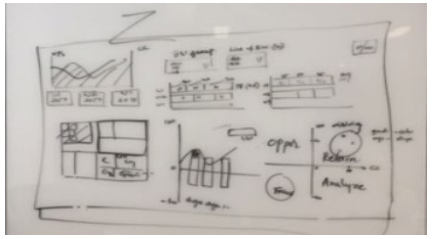
Process

Accelerate: Ideas to Insights

Design	Designated Adastra Business Consultants with **Education report design experience.**
Build	Designated Adastra Power BI Developers with **Education report development experience.**
	Existing education report ‘building blocks’. **Start report development from existing components.**
	Quickly **re-size development capacity** to changing demands**.**
Manage	Ongoing support for **updating reports** over time.

Design Process

Discovery



Mockups

ReportWorks business consultant Leads discovery/requirement workshops

Client review

Design

Preliminary Design

ReportWorks delivers a preliminary design for iteration with, leveraging applicable ReportWork Blocks

Client review

Finalization

Final Design and Business Requirements Document

ReportWorks receives final approval from client. Business consultant delivers a final requirements document.

Build Process

Prototype

Client review

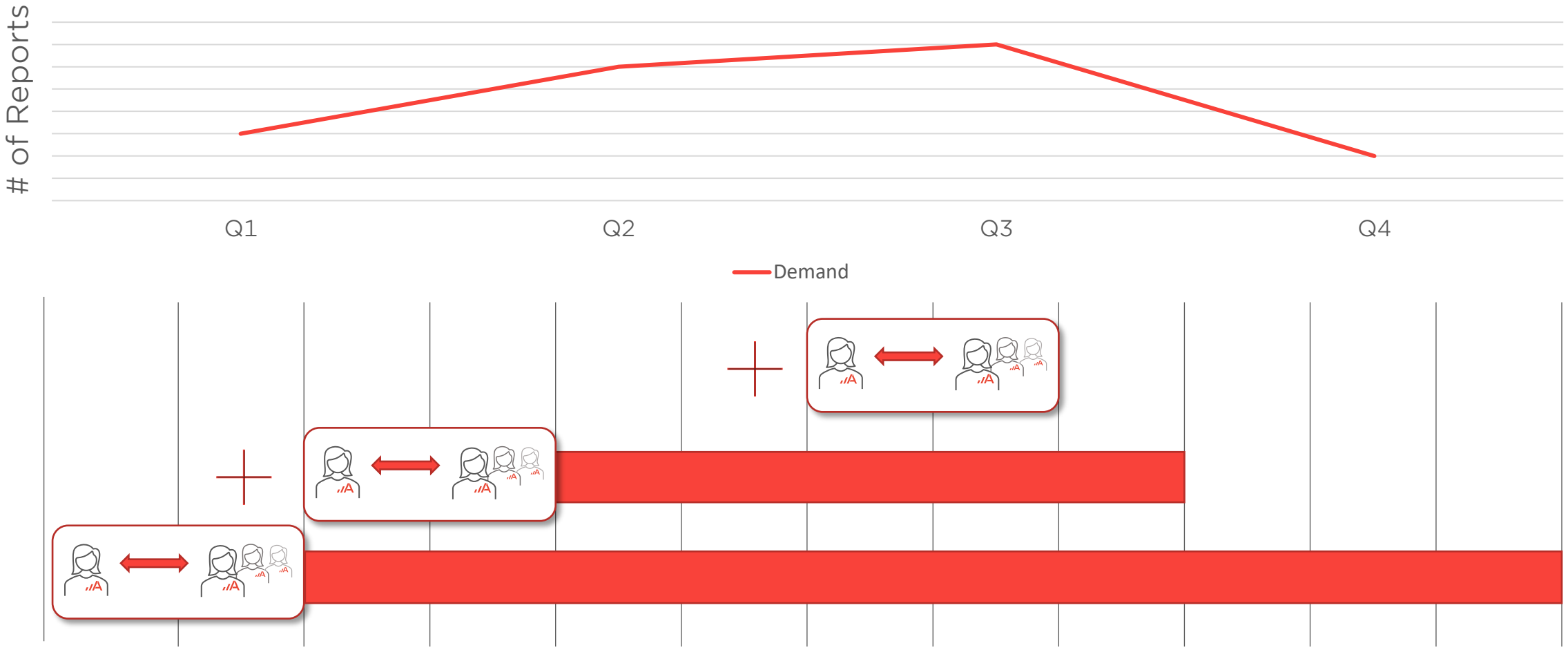
Release Candidate

Client User Acceptance Testing

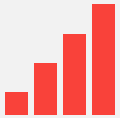
Production Launch

	Prototype	Release Candidate	Production Launch
Consultant	Communicates requirements to offshore build team and coordinates client review and feedback upon delivery.	Tracks defect resolution during User Acceptance Testing	Provides initial production support, conducts knowledge transfer and team training.
Build Team	Delivers functioning prototype, tailoring ReportWorks blocks to the usecase	Remediates defects and implements updates	Provides operational support through launch

Flexibility – Add Pods for Peak Demand



Ongoing Management



Reports As A Service

Delivering ad hoc reports

Platform Management

Opt for report environment management and maintenance

Operational Enhancements

Add additional data sources and execute modifications

ReportWorks Delivery Pod Pricing

Pod Size	In-Geography EDU Lead	Off-Shore ReportWorks Developers	Capacity Guideline New Reports	Capacity Guideline Report Migration	Monthly Cost
Basic	0.4	1.0	4 x Simple 2 x Medium Complexity 1 x High Complexity	8 x Simple 4 x Medium Complexity 2 x High Complexity	$23,000
Expanded	0.6	2.0	8 x Simple 4 x Medium Complexity 2 x High Complexity	16 x Simple 8 x Medium Complexity 4 x High Complexity	$42,750
Full	1.0	3.0	12 x Simple 6 x Medium Complexity 3 x High Complexity	24 x Simple 12 x Medium Complexity 6 x High Complexity	$62,500

***pricing and guidelines are estimates and may vary with actual delivery**

Guidelines - Report Classifications

Report Classes	Tab(s)	Data Source(s)	Row Level Security	Slicers	Measures/ KPIs	Other Features
Simple	1	1	No	Less than 5	Up to 15	
Medium Complexity	2-3	2-3	Yes	5-10	Up to 25	
High Complexity	4+	4-5	Yes	Up to 15	26+	Embedding Drill Downs Hyperlinks Power BI Dataflows

*pricing and guidelines are estimates and may vary with actual delivery

8K for 4 Days

Get Started With Your First Report

Get started with ReportsWorks with a no-obligation Dashboard pilot. ReportWorks will identify how you can reach your goals through education use cases.

The following steps will be covered in the solution development:

- Power BI Platform Configuration
- Power BI Model Build
- One-time Data load
- Power BI Dashboard Build
- Testing and UAT
- Production Deployment

Funding may be available.

Introduction To Adastra

Adastra Microsoft Partnership

Adastra: Go-To Partner for Data & AI

Microsoft IMPACT Award Recipient:

- 2021 Analytics Impact Award
- 2021 AI Impact Award
- 2021 Data Platform Modernization Award
- 2020 / 2019 Commercial Partner of the Year
- 2019 Manufacturing Innovation Impact Award

Azure Migration Partner

Advanced Specialization for Windows / SQL Server Migration to Azure

Lead Canadian Partner for Synapse Migration / Implementation

Product Team Collaboration for Azure Synapse / Azure Purview / Azure Databricks

Adastra Difference

Client Focused

Strategy Focused
We develop solutions that meet client's current and future business needs.

Value Driven
We deliver data-driven value to our customers with measurable ROI.

Nimble
We share knowledge and expertise with nimble work structures that allow us to scale as needed.

Transparent
We work with our clients to manage scope, timelines and level of detail.

Best-In-Class Solutions

End-to-End Data Services
We provide services from inception to deployment and maintenance for effortless client execution.

Excellence of Execution
Nothing matters if it can't be delivered on time, on budget, and within scope.

Top Talent
We hire only the best and the brightest and invest in their training and development.

Best Shoring
Top global experts can be assigned to take advantage of economies of scale and provide 24/7 delivery.

Data — AI & Analytics — Cloud — Governance — Digital

Thank You

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