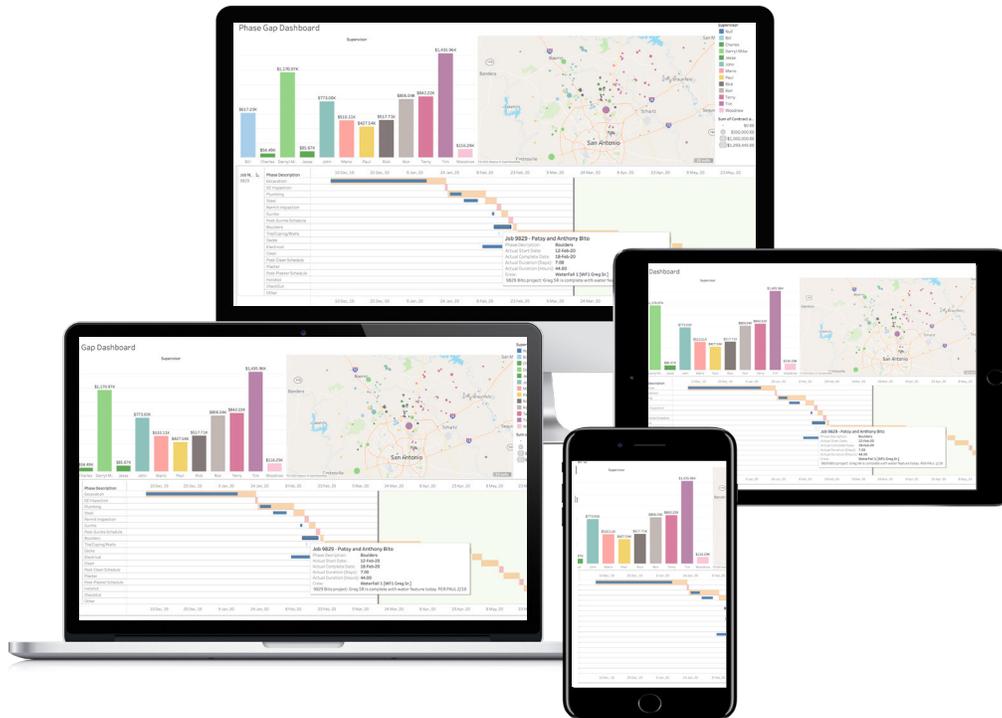


Onware Business Solutions



Unleashing your data and
creating actionable insights
through visual analytics.

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ABOUT ONWARE BUSINESS SOLUTIONS

Onware is a team of software professionals based in Edmonton, Alberta, Canada. We have been building Internet Applications for over 15 years. Our passion is building great software and experiences for our clients with attention to detail.

The Onware Contract Administration Internet application was first created in 2002 as a spin-off from the University of Alberta's Software Engineering Research Lab.

In addition to the Onware application, we have almost 10 years of experience implementing and supporting Tableau and Microsoft applications throughout small and large businesses, including consultants, service providers, government entities, general/sub/specialty contractors, and those in the architectural, engineering, construction, and owner (AECO) industry. We have extensive experience working with Procore, ViewPoint, and eCMS construction management software.

After years of working with clients based in the United States, we incorporated Onware Business Solutions in Texas to better serve our American clients.

Whether it is helping you manage your team or to give visibility to the executive and board-level oversight, we have the answers to your organization's needs and challenges. We have extensive experience with monitoring volume or resolution times, workload distributions, sales and KPI tracking, construction and project management, budget administration and financial analysis.

TABLEAU

Tableau helps people transform data into actionable insights that make an impact. Easily connect to data stored anywhere, in any format. Quickly perform ad hoc analyses that reveal hidden opportunities. Drag and drop to create interactive dashboards with advanced visual analytics then share across your organization and empower teammates to explore their perspective on data. From global enterprises to early-stage startups and small businesses, people everywhere use Tableau's analytics platform to see and understand their data.



MICROSOFT

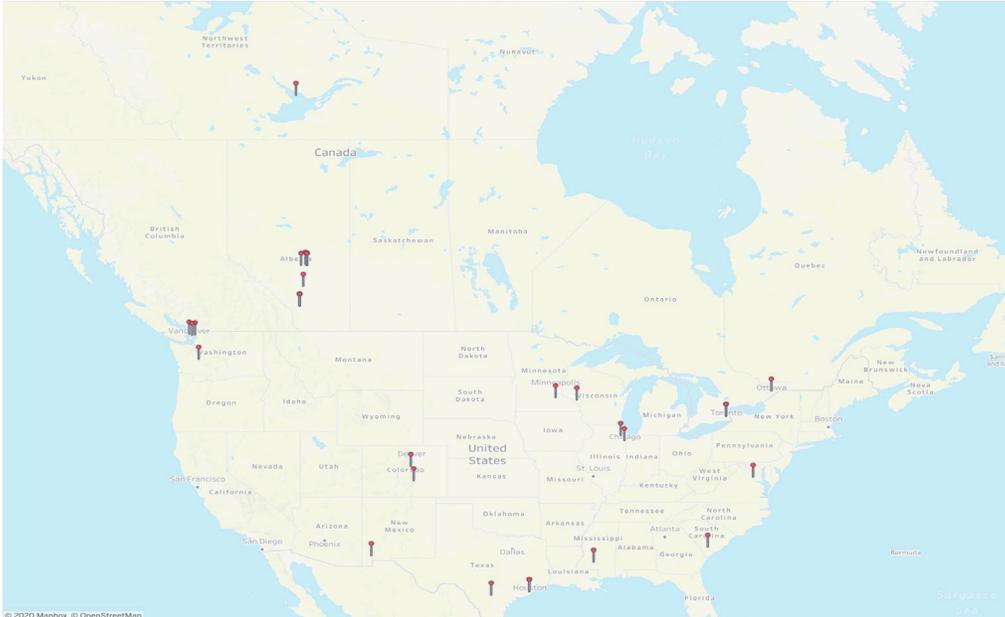
Foster innovation everywhere across your organization with the Microsoft Power Platform – analyze data, build solutions, automate processes, and create virtual agents. The Microsoft Power Platform is more than the sum of its parts. Connect them together – and to Office 365, Dynamics 365, Azure and hundreds of other apps – and build end-to-end business solutions.

Microsoft
Partner

Silver Application Development

CUSTOMERS

Onware' serves clients throughout Canada and the United States:



NORTH SHORE STEEL



BURGER CONSULTING GROUP INC.



Onware's products and services have been utilized on many large scale and high profile construction projects, some examples include:

Calgary International Airport - \$1.4B

Edmonton Clinic - \$500M

Grande Prairie Regional Hospital - \$460M

Stanton Territorial Hospital - \$300M

NAIT Centre for Advanced Technology - \$192M

RBC Branch Renovations - 500 projects, \$155M

Northlands Expansion - \$155M

Edmonton Federal Building - \$229M

Healthcare Research Innovation Facility - \$165M

MacEwan Centre for Arts - \$143M

Innovation Centre for Engineering - \$103M

Clareview Recreation Centre - \$88M

Meadows Recreation Centre - \$85M

Edmonton International Airport - \$62M



CONSTRUCTION MANAGEMENT/
CONTRACT ADMINISTRATION



PRODUCTIVITY AND OPERATIONS



PROJECT & CORPORATE FINANCIAL



FORECASTING, SALES & BACKLOG

MICROSOFT POWER BI LICENSES AND PRICING

Microsoft Power BI helps you connect to and visualize any data using the unified, scalable platform for self-service and enterprise business intelligence (BI) that is easy to use and helps you gain deeper data insight.

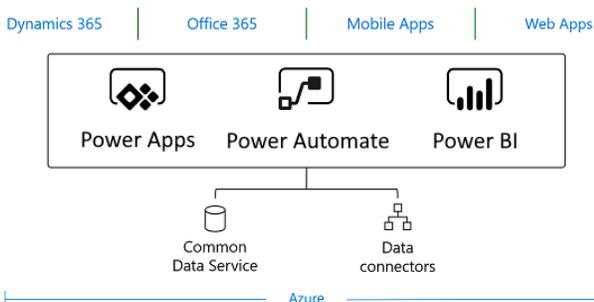
There are two kinds of Power BI per-user licenses: free and Pro. Which type of license a user needs is determined by where content is stored and how they will interact with that content¹.

POWER BI DESKTOP

Connect, prep and model your data with ease; provide advanced analytics with the familiarity of Office; deepen your data insights with AI-driven augmented analytics; create interactive reports customized for your business, and author for everyone, anywhere.

A user with a free license can only use the Power BI service to connect to data and create reports and dashboards in their own workspace. They cannot share content with others or publish content to other workspaces.

FREE



POWER BI PRO

Distribute and access insights anywhere by combining Power BI Desktop and Power BI Pro. Self-service and modern BI in the cloud, and fully managed by Microsoft. Collaborate and build reports with colleagues and then publish and share those reports anytime, anywhere, and on any device.

Power BI Pro uses shared capacity. If content is stored in a shared capacity, users who are assigned a Power BI Pro license can collaborate only with other Power BI Pro users. They can consume content shared by other users, publish content to app workspaces, share dashboards, and subscribe to dashboards and reports.

\$120 USD/USER/YEAR

POWER BI PREMIUM

Power BI Premium is for enterprise BI, big data analytics, cloud and on-premises reporting. It includes advanced administration and deployment controls; dedicated cloud compute and storage resources; and allows any user to consume Power BI content.

Power BI Premium allows users with a free license to act on content in workspaces that are assigned to a Premium capacity.

\$59,940 USD/YEAR²

¹ For full comparison of Power BI Features, visit [Microsoft Power BI](#).
² Price per dedicated cloud compute and storage resource.

TABLEAU LICENSES AND PRICING

How do you turn people's collective potential into a competitive advantage? Arm them with data, unlock their curiosity, and unleash their creativity. Enable your teams to work faster and smarter by choosing a seamless end-to-end analytics experience. Prepare for analysis. Build data sources and dashboards. Publish and share content. Collaborate. All with the security and governance you require¹.

TABLEAU DESKTOP

Tableau Desktop makes it easy to answer questions about your data visually, in minutes. Connect to any data and drag and drop to analyze. Create interactive visualizations and dashboards - all without any programming. Then share with a few clicks. Tableau connects live to most databases and spreadsheets and also offers a fast, in-memory data engine to speed up analysis. Anyone who is comfortable with Excel can learn Tableau quickly.

TABLEAU PREP (INCLUDED WITH DESKTOP)

Data prep is one of the biggest challenges facing our customers today. Tableau Prep simplifies common data preparation tasks - such as joins, unions, pivots, cleaning, and aggregations - with a drag-and-drop experience. It offers a complete picture of your data and helps you bridge the gap between data preparation and analytics, for better business results.

\$840 USD/USER/YEAR

TABLEAU EXPLORER

Explore trusted data and answer your own questions faster with full self-service analytics. Explorers gives business users the ability and autonomy to access and explore published data sources to ask and answer questions that lead to new insights and better business outcomes. Explorers can analyze any data sources or workbooks on the server. They can create a new analysis on the web based on governed data sources, and subscribe and create alerts for themselves and their colleagues.

\$420 USD/USER/YEAR (TABLEAU SERVER)

\$500 USD/USER/YEAR (TABLEAU ONLINE)

TABLEAU VIEWER

View and interact with dashboards and visualizations in a secure, easy-to-use platform. Tableau Viewer makes it possible for organizations to extend the value of data and analytics across their entire workforce in a very cost-effective manner. Viewers are able to view and filter dashboards, receive and manage subscriptions, and receive data-driven alerts, all via a web browser and/or their mobile device.

\$144 USD/USER/YEAR (TABLEAU SERVER)

\$180 USD/USER/YEAR (TABLEAU ONLINE)

¹ For full comparison of Tableau licenses, visit [Tableau](#)

BUSINESS INTELLIGENCE PROFESSIONAL SERVICES

Need help getting things implemented? Want to make your visualizations pop? Onware offers a variety of professional services. Draw on our experience implementing business intelligence solutions in organizations of all sizes.

CONNECTIONS TO DATA SOURCES

Connect directly to your data for live, up-to-date data analysis that taps into the power of your data warehouse. Or extract data into and take advantage of breakthrough in-memory architecture. Or do both, for two, three, or even ten different data sources and blend them all together. It's up to you and your data.

Onware will help you connect to your data, and ensure that your data is secure by configuration data connection permissions and row-level filtering as necessary.

VISUALIZATION CONSULTING

Onware provides live on-line and on-site services to help with your data visualizations. This includes management consulting and business analysis to truly understand your needs to develop the most meaningful, impactful, and business specific visualizations to meet your business requirements.

SERVER INSTALLATION

Onware provides live on-line implementation services to help with your deployment. This includes installation and configuration of your business intelligence servers, whether on premises or in the cloud. We will also help to determine and implement suitable change management and backup strategies for your organization

TRAINING

Training is critical to get the most out of your business intelligence tools. One of our goals is to help empower users with the ability to see and understand their data.

PRICING^{1,2}

SENIOR CONSULTANT \$225 USD/HR

INTERMEDIATE CONSULTANT \$175 USD/HR

JUNIOR CONSULTANT \$125 USD/HR

We also perform fixed fee engagements based on specific project requirements. Contact us for more details.

¹ Travel expenses to locations outside Edmonton charged at cost.
² Billed in half-hour increments.

CUSTOM SOFTWARE DEVELOPMENT SERVICES

Onware also offers a variety of custom software development services.

Contact us for more information and we can discuss specific project requirements and build custom proposals and pricing.

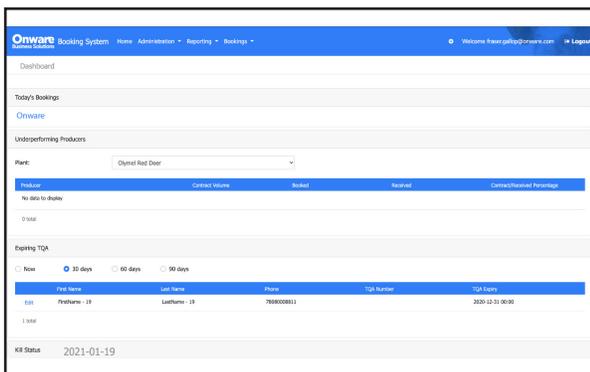
MICROSOFT AZURE SERVICES

Turn ideas into solutions with more than 100 services to build, deploy, and manage applications - in the cloud, on-premises, and at the edge - using the tools and frameworks of your choice. Onware is an expert with Azure, and configuring deployment optimally for redundancy and performance.

EXISTING IT INTEGRATION

Let Onware integrate the public cloud applications with your existing IT environment for increased efficiency and productivity.

Discuss specific project requirements with us and we can build custom proposals and pricing.



PLANT BOOKINGS AND PERFORMANCE REPORTING

CUSTOM APPLICATIONS

We can build applications in any language, tool, or framework tailored for your organizational needs.

PAST PROJECTS

We have experience in a variety of technologies, including:

- ASP.NET MVC/Razor/Web API
- .NET Core
- AngularJS
- iOS development
- Universal Windows Platform (UWP) apps
- Android Development
- Xamarin
- SQL Server DB Design and Deployment
- Docker

PRICING

Please contact us to discuss your requirements and we can provide pricing.



CONSTRUCTION PROCESS DIAGNOSTIC PLATFORM

GUIDED EVALUATION

INTENT OF GUIDED EVALUATION

The guided evaluation is a tool for organizations in the process of evaluating using Business Intelligence to deliver project and corporate financial information to decision makers such as managers, superintendents, and outside agencies.

The intent of the guided evaluation is to answer the following questions:

1. How will business intelligence tools integrate with financial systems and what effort is required to make it a mainstream business service?
2. How will business intelligence tools integrate with other systems (i.e. project management, time keeping)?
3. How can a production business intelligence environment be the most optimally deployed in terms of technical readiness and business value?
4. What is the estimated capital and operational cost of the production environment?
5. What would be the key milestones to establish a production service?

SCOPE

Onware has successfully completed guided evaluations throughout Canada and the United States. The guided evaluation will take a consultative, collaborative, and educational approach and it is intended to involve key stakeholders from your organization.

PREPARING THE DATA

- Identify where the raw data is and how to connect to it.
- Determine how to optimize the raw data for business intelligence tools to consume it.
- Determine how a client-server deployment will connect to the data.

PUBLISHING AND SHARING

- Publishing and sharing the dashboards created to a server environment.
- Determine and configure security and login requirements.

VISUALIZATION BEST PRACTICES

Collaboratively build visualizations based on requirements and feedback.

CLIENT USE CASES

The guided evaluation will attempt to deliver prototype visualizations based on up to four (4) use cases to be determined by your stakeholders leading up to the evaluation.

FINISHED VISUALIZATIONS

The finished example visualizations, based on your use cases will be published on a server environment. Copies of the working files from the guided evaluation will be provided as well.

REQUIREMENTS

ONWARE WILL SUPPLY

- Evaluation Software, as required.
- Senior Consultant - five (5) business days.

YOU AGREE TO SUPPLY

- Up to four (4) use cases to build dashboard visualizations.
- Appropriate connections to data sources via VPN or remote desktop connection.
- Key stakeholder involvement during time on-site; namely those with knowledge and access to the data being used in the evaluation and those who understand the vision.

COST

PROFESSIONAL SERVICES

A typical guided evaluation is scheduled to take five (5) business days to complete. Consultant will can be on-site or virtual and will need access to key stakeholders and data.

Cost is based on five (4) days of consulting time. The amount of work that can be accomplished during this time is highly dependent on resource availability and integrity of the data.

Please contact us to discuss your use cases and pricing.

TRAVEL AND MATERIALS

If work is to take place at the client site, the following travel expenses are reimbursable at cost:

- Airfare from Edmonton, AB, Canada.
- Hotel accommodations.
- Ground transportation and parking.
- Meals while on site.

DELIVERABLES

PROTOTYPES

Four (4) prototype visualizations published in a server environment. All working files will be provided.

GUIDED EVALUATION SUMMARY REPORT

- Data sources created
- Dashboards/Visualizations created
- Issues encountered
- Infrastructure requirements for the production environment
- Estimated infrastructure costs, licensing, design, and services
- Key milestones and steps needed to move into production

CONTACTS

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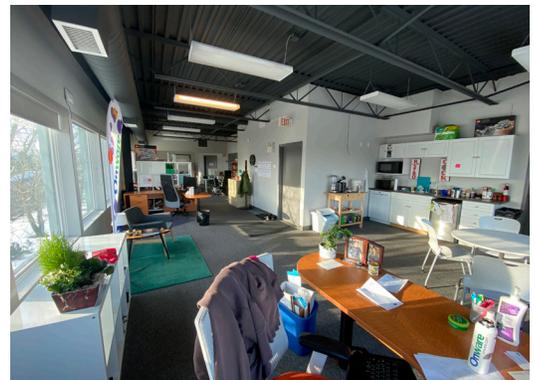
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Microsoft
Partner

Silver Application Development



RESELLER PARTNER