



Streamlining Data Reporting with Pro2 for ERPs Powered by Progress OpenEdge

Data plays a pivotal role in business and the ability to access that data for informed decision-making is crucial. However, organizations often encounter challenges related to enabling data access and meeting reporting requirements. Unchecked, these obstacles can affect operational efficiency and impact performance, productivity and compliance.

In this data sheet, we delve into the significance of data in executive reporting and explore how [Progress® OpenEdge® Pro2™](#), a data replication solution, can help alleviate these common pain points.

The Data Reporting Dilemma

Several issues can arise for organizations when it comes to data access and reporting, such as limited reporting availability, manual reporting overload and performance impact. Disparate systems, siloed databases and complex integrations can hinder data access.

All the reporting required in today's data-driven world can create a heavy reporting overload. Manual reporting tasks are a drain on resources and can cause many organizations to spend valuable time extracting, transforming and loading data into reporting tools. This manual effort diverts resources from core business functions. The burden of reporting tasks—creating financial reports, sales forecasts or compliance documentation—can strain personnel and impact productivity.

There can also be a significant performance impact when accessing data. Heavy reporting loads can affect the performance of production systems. Reporting queries competing for resources can lead to latency, delays and even system crashes. Slow systems frustrate users, impacting their ability to work efficiently. Whether it's customer-facing applications or internal tools, performance bottlenecks can affect everyone in the business.

Importance of Data in Executive Reporting

Data is the cornerstone of executive reporting, providing critical insights that guide strategic decision-making. Executives rely on accurate, timely data to assess the performance of their organization, identify trends and anticipate challenges and opportunities.

Data-driven reports offer a comprehensive view of key metrics so business leaders can track progress toward goals, evaluate the effectiveness of initiatives and allocate resources efficiently. Moreover, data fosters transparency and accountability within an organization, enabling business leaders to communicate performance objectively and justify their decisions with evidence. By leveraging data in executive reporting, leaders can make informed choices that drive growth, enhance competitiveness and help mitigate risks.

Ultimately, data empowers business leaders to steer their organizations toward success with decision-making grounded in reliable information rather than intuition or guesswork.

Supporting Your OpenEdge-Powered Application

Applications powered by Progress OpenEdge, such as Enterprise Resource Planning (ERP) tools, serve as the system of record within an organization, integrating critical functions across various departments.

OpenEdge ERPs help essential business processes—such as finance, inventory management, human resources, sales and procurement—communicate harmoniously. This integration eliminates redundancy, streamlines operations and gives business leaders and decision-makers a unified view of the organization's health and performance.

This is where OpenEdge Pro2 steps in—a powerful solution designed to seamlessly extend and enhance the capabilities of ERPs. Let's explore how Pro2 helps ERPs streamline their executive reporting needs, enhance their operations and drive efficient, informed and agile business processes:

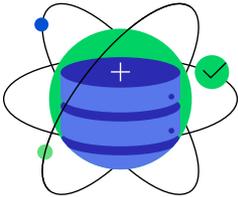
- **Finance Integration:** An ERP can consolidate financial data, automate accounting processes and provide real-time insights into cash flow, expenses and revenue. Pro2 can facilitate accurate financial reporting by replicating data more seamlessly for things like reporting on financials to investors.
- **Inventory Management:** Inventory control is essential for efficient supply chain management. An ERP can track stock levels, monitor inventory movements and prevent overstock situations. With Pro2, near real-time inventory data syncs across systems, enabling timely decision-making.

- **Human Resources (HR):** HR processes involve payroll, employee records, benefits administration and compliance. Pro2 can simplify HR data management to help keep employee information more secure and consistent.
- **Manufacturing Organizations:** Pro2 replicates inventory data in near real time, allowing you to monitor stock levels, track movements and respond swiftly to demand fluctuations. Accurate inventory information, whether finished goods or spare parts, is crucial.

Pro2: Your Ultimate Solution for Data Access

[OpenEdge Pro2](#) is designed to be easy to use, highly configurable and flexible—with a range of options for controlling the reporting, replication and synchronization process.

Let's explore some of its key capabilities:



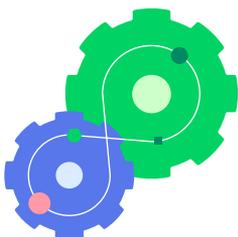
1. **Accurate and Reliable Data:**

Pro2 helps keep data consistent across various systems within your organization. Whether it's financial data, inventory records or employee information, Pro2 helps minimize discrepancies. By replicating data accurately, Pro2 reduces the risk of errors and stale data caused by manual data entry or synchronization delays.



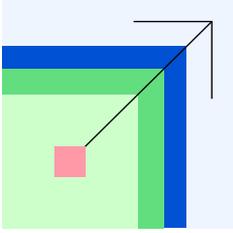
2. **Timely Reporting:**

Pro2 operates in near real time, so the most up-to-date data is available for reporting. Whether it's daily sales figures, inventory levels or production metrics, Pro2 keeps you informed. Timely reporting empowers executives and managers to make informed decisions without waiting for batch processes or overnight updates.



3. **Integration with Other Systems:**

Pro2 facilitates a more seamless connection with existing systems, breaking down data silos. Whether it's your CRM, supply chain management or analytics tools, Pro2 bridges the gaps. With integrated data, you gain a holistic view of your organization, enabling better insights and strategic planning.



4. Scalability:

As your organization expands, Pro2 scales with it. Whether you add new products or customers, Pro2 adapts to handle increasing data volumes. This scalability helps prevent performance bottlenecks—even during peak usage.

Managed Pro2 Services

It's easy to implement Pro2 with Managed Pro2 Services provided by the Progress Professional Services team. While Pro2 is readily available for purchase and self-setup, many clients opt for the expertise of our team. We've discovered that entrusting the intricacies of individual projects, like mapping and custom configurations, to our specialists is not only more efficient but also more cost-effective than independent implementation and management endeavors.

With the Managed Pro2 service, organizations can get clear visibility into their replication performance thanks to our 24/7 monitoring and alert system. Our dashboard lets you review past database and replication statistics on demand. Coupled with our commitment to rapid response for critical alerts, our team helps keep your operations running smoothly.

We monitor your Pro2 instance by:

- Confirming the replication database is operational
- Verifying that logs are cleaned
- Watching the replication queue based on the desired threshold
- Alerting automatically based on the desired threshold
- Responding quickly in line with the designated service level agreement response times

By entrusting the day-to-day oversight to our experts, your staff can focus on other essential tasks.



“Replicating to a SQL database (with Pro2 replication), enabling that particular server to be the one the other applications tap into took the load off of our production and worked flawlessly.”

Tom Condo, Information Systems Operations Supervisor,
Seminole County Public School District

See Pro2 in Action

The Mesquite Independent School District sought out a new solution to manage its extensive database to better serve the teachers and students.

They decided to work with Skyward, a school database management software company, to deploy OpenEdge Pro2 to add a layer of security to allow students, administrators, guardians and teachers to view student information without compromising personal information. System administrators for the whole district are now able to pull data from the district's database for over 3,000 users. They can also reuse preexisting reports from their previous system and convert them into new ones while using Pro2 with SQL Server Management Studio, which makes querying and updating data easier.

[Read the full story.](#)

Data Replication Capabilities

Did you know you can use OpenEdge Pro2 to migrate your OpenEdge database with [minimal planned downtime](#)? Beyond reporting, Pro2 facilitates seamless database migrations.

Moving data from one database to another using “dump and load” technologies can take days for large OpenEdge databases, causing downtime for your database, your application and your customers. Pro2 loads the historical data from the existing server to the new server, while employing real-time data replication, so data changes are captured and transferred to the target database immediately as they occur. This minimizes downtime by keeping the source and target databases in sync.

Pro2 uses the replication technology built into OpenEdge Pro2 to keep all data creation, modification and deletion between the two databases connected during migration. Then, a separate process is started to move all data from one database to another. The production database is unaffected during the migration process, and your application stays up and running.

The near real-time replication in Pro2 keeps you ahead of the curve. Whether it's monitoring market trends, reacting to supply chain disruptions or analyzing customer behavior—timely insights matter.

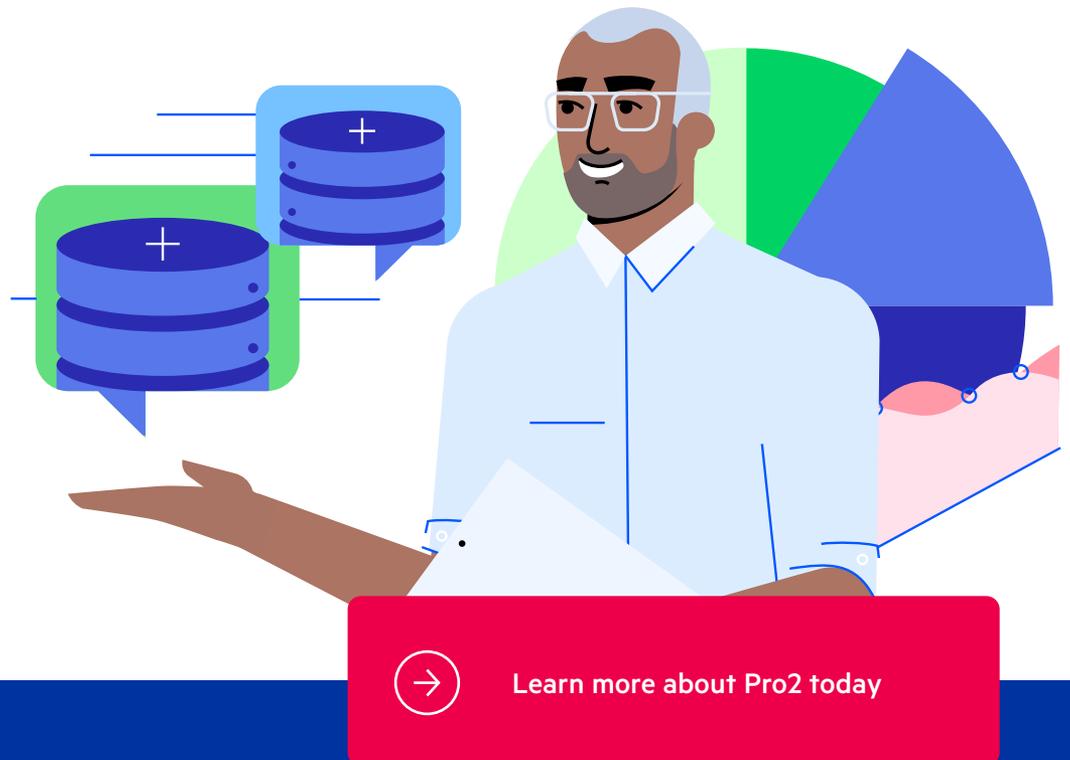
[Learn more about minimizing downtime during migrations.](#)

Ready to Get Started?

750+ installations of the Progress OpenEdge Pro2 data replication suite have created efficiencies for more than 250+ satisfied customers.

It's time to transform your data reporting with Pro2. Discover how Pro2 can revolutionize your ERP reporting today.

[Take steps toward a data-driven future with OpenEdge Pro2 today.](#) For personalized assistance, visit our [services page](#) or [contact our team](#).



About Progress

Progress (Nasdaq: PRGS) provides software that enables organizations to develop and deploy their mission-critical applications and experiences, as well as effectively manage their data platforms, cloud and IT infrastructure.

As an experienced, trusted provider, we make the lives of technology professionals easier. Over 4 million developers and technologists at hundreds of thousands of enterprises depend on Progress. Learn more at www.progress.com

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