

Ebook

The Integration Journey to Digital Transformation with *Peregrine Connect*



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The Integration Journey to Digital Transformation

Choices of technology investments, supply chain efficiency, and finding talent are the concerning issues toward establishing a strong and competitive foundation for your business. According to Gartner, these are the top key trends that product leaders will need to master for success in the future. It's important to keep up with ever-changing market and economic demands meeting the challenges of an application driven world. Peregrine Connect's sophisticated application, API, and workflow integration technology is helping businesses worldwide. They report easy adaption and faster execution of their digital transformation efforts. It allows them to keep up with industry demands and delivering targeted responses more rapidly than ever.

Integration Maturity Model

No matter where your organization stands, Peregrine Connect can take you the next level and continue to evolve.



Best Integration Platform for the Digitized Business

In a world where digital transformation is the key to your business success; the options are infinite in where to place your investments. Whether it's staying on-premise, using a hybrid or intercloud approach to connect all your IT systems and applications. Peregrine Connect's mission is to help businesses reduce business risk, increase IT productivity, and time to market. We understand the need to reduce manual processes and development time spent on projects.



All your Integration Tools in One Place

Peregrine Connect's advanced integration features provide the necessary foundation for businesses hoping to achieve Hyperautomation. We want our users to save time, revenue, and evolve their company to meet their goals. According to Gartner, by 2024, 75% of midsize to large enterprises will leverage at least two different integration tool categories in order to strategically address most of their pervasive integration needs. Peregrine Connect offers an integration tool to manage all your integration needs in one place.



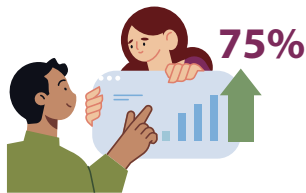
The Peregrine Connect Advantage

Peregrine Connect Stands Out from the Rest with its Sophisticated Application, API, and Workflow Integration Platform



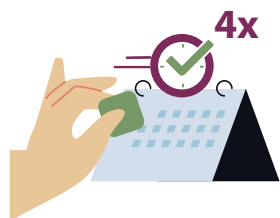
We Simplify Integration Complexity

With little or **NO** special training required. Easy to use Drag & Drop low-code simplicity



Our Users Have Seen

Reduction in total cost to ownership:
Save up to 67% in licensing costs and decrease IT costs by up to **75%**



Faster Time to Market

4x faster deployment compared to leading integration providers.



Providing State-of-the-art Technology

Modernize IT: **8.5x** faster integration broker solution compared to competitors



Providing State-of-the-art Technology

Increase Productivity by **400%** compared to other competitors in the integration market.



Our Mission to Reduce Business Risks

By 2024, more than **70%** of the large global enterprises will have over 704 concurrent hyperautomation initiatives mandating governance or facing significant instability. – Gartner

Peregrine Connect's Commitment to Organizations of all Sizes

Peregrine Connect was developed to provide a platform for IT teams to build custom integration solutions for a variety of industry or business specific use cases. Our platform enables connectivity to any application, device, or technology while automating the tasks to maintain consistency across business silos. Digital Transformation can accelerate desirable outcomes such as market share, revenue enhancement, and customer-centricity. Digital Transformation needs to cater to growth and adoption of new business models to differentiate from the competition. Therefore, we promise to transform your business to achieve the following outcomes.

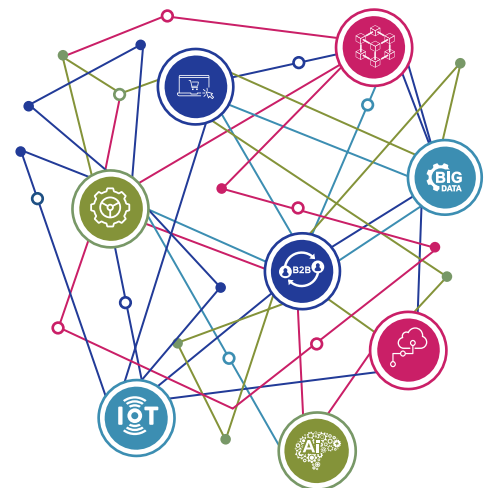
Improve Performance

Traditionally, integration has been delivered by a centralized IT team to connect all lines of business. Consequently, when development teams try to “go it alone” without a platform they inevitably run into roadblocks. Going it alone usually results in lots of unmaintainable code and the lack of instrumentation and tools to manage the integration between systems. The direct outcome of this approach is every new integration takes twice as long, and modifications result in the disruption of the business. Organizations who go down this path soon realize not only do they continually miss deadlines and blow past budgets, but that their homegrown “spaghetti connections” do not scale or offer the business resiliency or visibility that they require to be profitable and competitive.

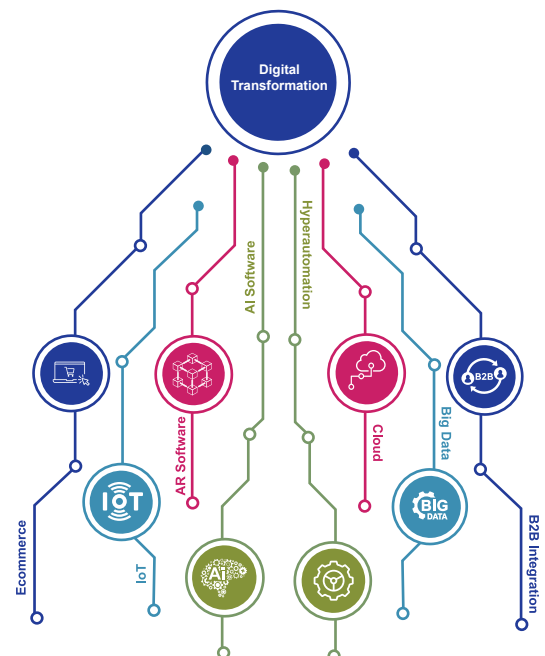
With Peregrine Connect you can integrate with any of your internal business units or externally to other vendors, partners, suppliers, marketplaces, customers, and devices. With our suite of tools, you can easily implement event-driven architecture and microservices. It's easy to deploy and publish standard patterns with a click of a button, whether you're deploying in the cloud, on-prem, or to containers with Kubernetes.

Our focus is to allow development teams to concentrate on creating advanced features to get ahead and improve performance. Our products are designed to simplify unsolvable integrations and challenging SLA requirements. Our integration software enables real-time integration building and is low code with little to no training required to get started. Organizations can modernize their processes by eliminating efforts associated with building hard-coded internal integrations. Peregrine Connect offers an innovative set of out-of-the-box connectors for popular enterprise applications enabling businesses to connect to anything anywhere around the globe. Drag and drop functionality and ease of use enables businesses to free up their time and resources to focus on evolving their functionality, integration strategies and performance leading up to increasing market share and speed to market.

Before Peregrine Connect



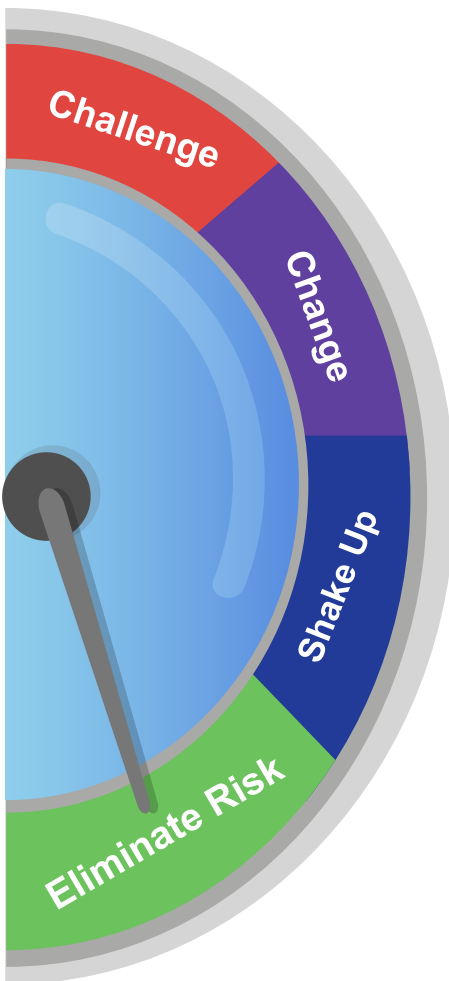
After Peregrine Connect



Faster time to market

Our platform offers seamless integration capabilities so your development team can easily manipulate data and cater to your organization's many use cases. For example, many organizations report improvement in customer satisfaction and loyalty with customer data integration for upselling and cross-selling. You can increase momentum to align with a modern integration strategy and adapt to future trends.

Peregrine Connect allows organizations to fully onboard customers as quickly as possible to derive from the value of their products and services. The less time and expense you spend onboarding, the better to increase your return on investment (ROI). We've dedicated our platform to enable all organizations from small to large to benefit from rolling out new features & business strategies with an easy-to-use agile environment with reliable performance, real-time results, and quicker time to revenue.



Reduce business risk

Digital Transformation presents new risks of losing connectivity throughout an organization. The loss of connectivity translates to slow response time, lost dollars per minute, and an increase in technical debt. This risk can make it difficult to adapt modern integration strategies to support new use cases.

Peregrine Connect platform enables integration work to be straightforward and is done faster with up to 80% in cost savings compared to other integration vendors. Businesses can seamlessly implement new digital strategies, automate manual processes, reduce resources, and increase revenue with a simpler low-code integration solution.

Peregrine Connect enables an API economy to modernize business models to adopt microservices for data and services to be accessible and flexible with real-time event driven architecture. Our goal is to simplify the creation of applications that support all lines of businesses to create seamless organizational efficiency. You get all the advantages offered by these digital technologies, without the learning curve and complexity behind them. Using this approach you can gain high availability, complete control, governance, management, and monitoring of all your integrations. You can digitally transform your legacy models to prevent any business risks and keep pace with industry-leading standards and uses cases. It's important to be proactive in keeping up your systems availability and performance. Your development team can proactively schedule integrations, set up customized alerts for overall health monitoring, and provide fast alerting and visibility into any problem.

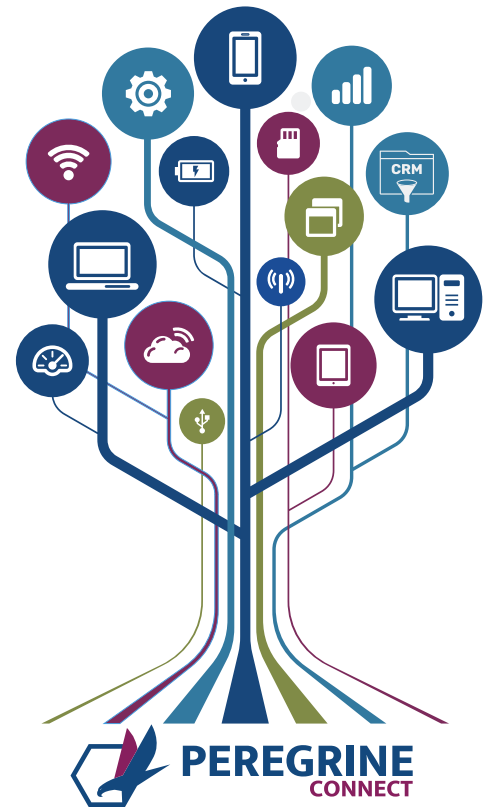
Digital Transformation

Organizations are accelerating their investment toward enabling hyperautomation, Cloud, AI, Machine learning, and The Internet of Things (IoT). These investments are imperative to the future success of any business, and Peregrine Connect can help you get there faster, with more predictable results. Digital transformation is about making every part of their business to operate seamlessly with high automation. Industry trends show that by 2026 large enterprises will use the total experience (user, customer, and employee) to transform their businesses. Growing demand for the volume of data in IoT solutions adds substantial complexity for integration requirements. Peregrine Connect addresses the growing pains towards digital transformation. We understand organizations across industries must upgrade their data integration capabilities to provide granular and real-time, event-oriented interactions for all applications and workflows. In this customer centric approach, it's vital to develop a personalized and rich experience for customers. By harnessing Peregrine Connect's hybrid or intercloud-based data integration, event processing, API management, and message-oriented middleware, any business can maximize its connectivity and increase revenue.

Increase IT Productivity

In an era of digital transformation, traditional automation methods make it difficult to scale with the constant changes of policies, processes, skills, and roles. Peregrine Connect enables and accelerates hyperautomation with continuous integration delivery for applications to run faster, smarter, and more automated while increasing customer satisfaction.

An effective way to build hyperautomation within your business is to harness connectivity for your whole organization. With APIs you can easily gain information from disparate applications, systems, and departments to bring all information together to increase momentum throughout your operations. By doing this your organization can unlock and integrate data from anywhere around the globe, whether it resides in an on-premise database or in the cloud. Peregrine Connect enables IT teams to set effective controls and access policies to manage, monitor, secure, and govern data to scale their demands. Our low-code suite of tools allows ease of use to facilitate complex automation initiatives. In the era of cloud computing, security and identity take on additional significance and present challenges. Peregrine Connect makes it easier to implement identity and access control across all your services with OAuth and OpenID connect.



“By 2026, 60% of large enterprises will use total experience to transform their business models to achieve world-class customer and employee advocacy levels”

— Gartner

Digitize your Business to Deliver Seamless Connectivity Throughout your Organization

According to the Gartner's View from the Board of Directors Survey 2022, digital technology initiatives are the top strategic business priority for 2022 and 2023. Enterprises of all sizes realize how critical it is to find a backbone technology to synchronize information and events throughout the organization. Peregrine Connect is key to diminishing complex integration challenges and eliminating dedicated time spent connecting systems and applications. When improving the effectiveness of software development, it's essential to use a modern platform like us that encompasses tools for design development, testing, APIs, automation, and integration.

About Peregrine Connect

Peregrine Connect is one of the leading integration platforms that enables businesses to simplify the design, deployment, hosting, management of applications, APIs, and workflows. The platform secures the most critical integrations and business processes with actionable visibility, pinpoint diagnostics, alerting, and unified control across your entire organization. Peregrine Connect enables your Microsoft .NET resources to be reused and extended to further simplify the integration of applications and the automation of critical business functions.

The Peregrine Connect product portfolio encompasses Neuron ESB, Management Suite, Design Studio, and NetSuite PSA Add-In for Microsoft Project. Peregrine Connect offers an innovative set of connectors for popular enterprise applications. It provides robust application and technology

As technology evolves, so does its maintenance of modern-day applications and services. Maintaining momentum to execute operational efficiency is crucial, whether migrating to the cloud or evolving into a hybrid approach.

— Gartner

integration features and a simple yet flexible UI to design & execute integrations for organizations of all sizes. Customers benefit from a superior development experience, better performance, reduced complexity, and immediate time-to-value. Peregrine Connect customers deploy projects in a matter of weeks rather than months with clients around the globe in a variety of industries. To learn more, visit peregrineconnect.com





D&H Distributing | Case Study

Modernizing operations integration to increase volume transaction by 2x

The Challenge

- D&H's high volume of hourly transactions had expanded significantly due to its focus on building the company and increasing business growth, to a point where its existing integration platform required much greater scalability.
- D&H was looking to upgrade its integration platform to one that was "Built For Growth," providing the ability to rapidly meet a wide range of integration requirements and leveraged existing knowledge base
- Its current integration platform was too costly to maintain and made it challenging to extend or scale to meet their needs

The Solution

- D&H conducted its COTS evaluation process, which included industry-leading platforms and solutions
- Replace the existing integration platform with a scalable solution to meet its current and future growth of transaction processing volume while reducing its development and costs
- Implement a platform with Microsoft expertise and a .NET developer user experience to align with their existing .NET resources
- Separate core applications and break out business functionalities to independent REST API services

The Benefits

- D&H can now process a daily average of 1.5 million messages with a daily peak volume of 7.5 million messages
- Peregrine Connect allowed them to facilitate their adoption of REST APIs for core integrations using Peregrine Connect's Microservice Hosting Model
- Seamless integration with their ERP, Microsoft Dynamics CRM, General Ledger, Accounts Receivable, Accounts Payable, and line of business systems
- Doubled their sales orders processing
- Pricing and the total cost of ownership was less expensive than other competitive vendors
- Flexibility to implement the solution without changing endpoints for constant consumer data synchronization
- Modernize technology without having to rework all applications that consume integrations
- Completely automating their deployments allowed them to reduce resources significantly

The Client

D&H Distributing has been a privately held company for nearly 105 years, specializing in distributing IT and consumer electronics across North America. D&H is top-ranked on the Forbes list of America's Largest Private Companies and one of the largest private employers in Central Pennsylvania. The company propels its partners' success, infusing innovative strategies, consultative support, and leading technology solutions to fuel sustainable growth. D&H customizes solutions to each partner's needs and provides operational support that helps them to capitalize on new and incremental market opportunities. Their partners feel prioritized, taking advantage of dedicated teams, knowledgeable support, service experience, efficiency, and ease-of-doing-business. D&H's team prides itself on being a close family, traditional work ethic, progressive in vision, operating with a partner-first mentality, and an unmatched tenacity and passion for helping partners grow.

"We work with many vendors, and Peregrine Connect has been an extremely valuable business partner. The Peregrine Connect Product Team has proven to be instrumental as we move forward with our growth strategy. Their services have been above and beyond our expectations and D&H sets a high bar for its partners."

— Michael Henry

Senior Director of Application
Development

The Challenge

D&H processes millions of transactions a day throughout its operations, and this volume was increasing along with the expansion of D&H's business. The complexity and scalability of the existing integrations platform, coupled with exponential transaction volume growth, was positioned to surpass the existing platform's ability to scale to meet this new need. This would potentially impact their customers, reporting, and internal processes. Due to D&H's rapid growth and the above constraints, D&H was approaching a point where it would no longer be able to rapidly push out changes to customers and processing transactions in a timely fashion. For example, if a payment processing change affected 100,000 customers, D&H would need to publish that customer update across a variety of applications, which could easily result in more than 500,000 messages being sent to all the relevant systems. Due to the number of messages and the platform's inherent constraints and throttling, it would take excessive time before the target applications receive all the customer updates. This would be compounded further by receiving more than 100,000 high-priority messages that require real-time processing. The existing system was limited in its ability to process this volume of high-priority messages, which could cause long backups behind the customer update messages. Along with scalability and performance issues encountered in the production environment, D&H was facing other obstacles due to its rapid growth. This included issues that impacted the time involved to create and maintain the development artifacts associated with the solution, as well as updating the solution.

In addition to the existing integration constraints, D&H evaluated the prospect of moving some of its accounting systems onto the Microsoft AX platform. During the evaluation, they realized that it would require more integration effort, at least temporarily, to make all the account systems work during the transition. In the end, the existing platform's complexity, high development costs, and integration challenges motivated D&H to evaluate other platforms.

The Solution

D&H realized that the complexities of the existing platform were threatening to hinder their continued growth, leading to the need to evaluate other platforms. D&H did a COTS evaluation, which included industry-leading platforms and solutions. The assessment included design sessions and building use case driven proof of concepts. One of D&H's critical points was to find a model that could work with its existing endpoints and core applications. Another technology compatibility request for their future integration platform was extensibility using Microsoft .NET. D&H wanted to leverage its existing Microsoft expertise and .NET developer experience without changing its architecture.

D&H quickly recognized the value of Peregrine Connect's ease of adoption during the development of the use cases and found the implementation process seamless. Peregrine Connect also had a selection of out-of-the-box connectors that D&H was familiar with.

During onboarding, D&H had a week of onsite training with developers and leadership from Peregrine Connect. D&H was extremely satisfied with the support they received from the Peregrine Connect product team. They were responsive in communicating how to leverage the existing platform to solve any issues. The onboarding implementation process of Peregrine Connect lasted around six months. D&H picked their highest volume integration to transition over to the new Peregrine platform and then gradually added the bulk of other integrations over the year. They progressively converted 350 different integrations, tested various patterns, high-volume, and low-latency requirements.

It was imperative for D&H to connect all systems and applications. Using Peregrine Connect's Microservice hosting, Connectors, and Business Process engine, D&H was able to move quickly from message-based queued services to the adoption of REST APIs without changing their endpoint logic.

D&H was able to further extend the capabilities of Peregrine Connect by building custom Connectors to work with some of their lesser-known applications. For example, D&H connects to a variety of backend systems using Connectors. The Business Process designer uses Peregrine Connect's built-in service broker to expose those connections as APIs. Therefore, providing D&H the flexibility to adopt REST APIs without changing logic or writing and maintaining service-oriented code.

D&H initially used Peregrine Connect to replace its existing integration platform. It has since scaled effectively to decouple core applications to break out business functionalities into independent services. D&H now has more than 30 different Microservices hosted by Peregrine Connect to handle areas like shipping, tax calculation, address validation, and they are all REST APIs orchestrated together using Peregrine Connect.



The Benefits

D&H has successfully modernized its technology without reworking all the applications that consume integrations. Peregrine Connect allowed them to facilitate their adoption of REST APIs for core integrations using Peregrine Connect's Microservice Hosting Model, Connectors, and Business Process engine. Operationally, they realized efficiency gains with their workflows and ease of managing its development and automated deployment. D&H is currently processing a daily average of 1.5 million messages with a daily peak volume of 7.5 million messages.

Peregrine Connect allows D&H to manage the data integrations and interactions within their organization for multiple Lines of Business systems such as Accounts Payable, Accounts Receivable, Sales, Microsoft Dynamics AX, Microsoft Dynamics CRM, Warehouse Management System, and other ERP modules. In other cases, D&H uses Peregrine Connect's built-in Connectors such as Rabbit MQ, MSMQ, and File to receive inbound messages which are forwarded to backend, long running Workflow processes.

Peregrine Connect's pricing was competitive compared to other vendors. Ultimately, Peregrine Connect gave D&H the flexibility and stability to tackle its most critical issues since its implementation. With Peregrine Connect's platform, D&H can confidently support its current and projected business growth, provide rapid integration with their systems, and reduce the total cost of ownership. D&H has found a solid partner to move forward with future goals and successes in order to best serve its partners in the marketplace for years to come.



Start Your Free Trial Today!

Contact us at:

info@peregrineconnect.com

Learn more at:

www.peregrineconnect.com

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