

## Robust Employee Portal Meets Engineering Firm's Growing Usage Needs

### Client

The client designs new fossil and nuclear plants and supports designs which upgrade similar systems.

### Executive Summary

The client uses the current .NET portal to provide employees with basic information and routes complex payroll and other relevant sites. The portal, however, is incapable of handling more than thirty users simultaneously, and becomes unresponsive and times out for new and existing site users. The client engaged The Revere Group to develop and implement a more effective system.

### Business Challenge

The current .NET web application was very sluggish and only capable of performing with very moderate traffic. Do to some internal roll-outs the project timeline allocated to upgrade the system was an aggressive 2-3 day timeline. This included the "Discovery" phase and defining the project resolutions. An additional overarching complication and challenge was the existing code was poorly developed and had very little accompanying documentation.

### Solution

The Revere Group worked with the client on the following stages to successfully develop and implement an improved system.

- Met with developers and infrastructure teams to extensively discuss reasons behind the current system's downfalls.
- Monitored the current production system and analyzed logs collected from the physical server
- Deployed the current code into an environment separate from the client's system, performed a detailed code review of the system and suggested coding changes based on the results.
- Developed an environment mimicking the client's production system, configured new performance testing tools, and analyzed the simulation of heavy traffic conditions using load testing tools.
- Obtained stake holder approval to bring the production system down for ten minutes to allow for the implementation of an in place service pack to the system.
- Successfully brought the upgraded system live, and monitored the server's performance.

### Results

The upgraded system runs much more smoothly than its predecessor. In contrast to the older system, which would reach its CPU limit at 30 users, the new system reported 20% stable utilization with over 150 users online. Performance remained consistently strong on checking with a new session.



## For More Information

For more information about The Revere Group's services and solutions, call 888. 4REVERE.

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The Revere Group is a North American Business Unit and a majority-owned subsidiary of NTT DATA, a multinational organization.

Founded in 1991 and headquartered in Chicago, The Revere Group is a leading global business and IT solutions consultancy that specializes in assisting high performing mid-tier and fast growing companies. Revere provides industry, process and technology expertise with a proven service approach—Think, Build, Source—to pave the way for your success. Revere focuses on five key business challenges to increase your business agility and bottom line results: [Operational Efficiency](#), [Analytics and Collaboration](#), [Interactive](#), [Enterprise Platforms](#) and [Managed Services](#).

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## The Revere Group

### Service Excellence

The Revere Group is a leading global consultancy dedicated to delivering business and IT solutions. Revere focuses on helping organizations improve their financial and operating performance through the combined application of technology, people and process.

In an industry marked by innovation and change, organizations can look to Revere for its senior consulting model, strong business and technology expertise, and client-focused project management methodology.

In addition to providing clients with world-class solutions, Revere is dedicated to the highest service standards. Vast experience in providing end-to-end solutions in diverse industries and platforms means Revere can deliver measurable results and exceed expectations. Additionally, knowledge and expertise with proven onsite, offsite and offshore methodologies and execution processes has established Revere as an industry leader in the marketplace.

### Industry-leading Outcomes

Revere brings vertical industry market knowledge to help Healthcare, Manufacturing & Distribution, Entertainment, Financial Services, Insurance and Private Equity clients succeed with their unique business objectives.

## Think. Build. Source.

As your trusted advisor, Revere provides industry, process and technology expertise with a proven service approach—Think, Build, Source—to pave the way for your success.

**THINK** – Companies continually face the challenge of aligning their business objectives with their IT strategy. An effective roadmap with a strong business case delivers a path to achievable goals with measurable results. Revere helps identify and link people, process and technology, bringing clarity to your business and IT initiatives.

**BUILD** – A successful implementation is the driving force behind all that Revere does. We deliver the right solution on time and within budget. Disciplined project management skills and business aptitude ensures the success you rely on.

**SOURCE** – The right balance of sourced functions can improve your IT service levels and return on investment, allowing you to more effectively meet your business needs. Revere helps identify a strategic sourcing model based on internal capabilities, external resources and cost.