



## **FOR BIG DATA AND ADVANCED ANALYTICS, YOUR BACK-END INFRASTRUCTURE CAN HELP OR HURT YOU. WEI POSITIONS YOU FOR SUCCESS.**

WEI speeds your time-to-value with expert assessments, architecture and design of purpose-built Big Data infrastructures.

## **EASIER, FASTER TIME-TO-INSIGHT**

Extracting game-changing significance from mountains of data takes more than just the right Big Data or analytics software. It also takes the right underlying “engine” to fuel your organization’s on-going insight.

By “engine” we refer to the back-end infrastructure required to deliver the best performance, low latency, high availability and security required by your Big Data platform. This can involve the right mix of software, compute clusters, networking, storage, and even turn-key appliances. These moving parts must work together in harmony to help you meet your intended business outcomes.

Regardless of the platform you use or the industry you’re in, one key to success with Big Data and analytics is an investment in a purpose-built infrastructure that’s carefully tuned for the best time-to-value. Getting the back-end infrastructure right is crucial whether your plans include leading analytics platforms like Pivotal, Hortonworks or some other Hadoop platform. It’s just as critical if your industry is retail, healthcare, financial services or manufacturing.

Why leave these critical, back-end details to chance? When it comes to doing Big Data and analytics right, you can rely on WEI technical experts to assess, advise, design, build and implement best-of-breed, back-end infrastructures that have been custom-fit to your needs.



## WEI AREAS OF BIG DATA EXPERTISE:

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Working with your chosen analytics provider

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Designing purpose built infrastructure

.....  
MMP Engines

.....  
Big Data Services

WEI is an experienced, full-service partner you can trust to work by your side, and with your chosen analytics partner, to understand and solve your unique challenges and goals surrounding Big Data.

### You can rely on WEI to:

- Carefully study your environment to identify emerging needs for analytics
- Work hand in hand with your analytics provider of choice
- Design, architect and build the right infrastructure to fully support your analytics and reporting requirements

## DEDICATED TO YOUR SUCCESS

WEI has spent over two decades—and thousands of engagements—refining its distinctive methodology to consistently deliver successful results to our clients.

In recent years, we've also applied this methodology to ensure successful outcomes for our clients' emerging Big Data and analytics needs.

But, that's not all that makes us different. In the end, the WEI difference involves our ability to deliver market-leading, best-of-breed technology solutions that are independent of a particular brand name or vendor. While we may choose to partner with leading vendors, our first priority remains you, our client.

By focusing first on what you need and what will work best for you, WEI ensures your back-end infrastructure will achieve its intended business goals.



**Technology and Business Use Case Assessment.** The infrastructure you need often relies on what you currently have and what you are trying to do. In our Big Data and analytics assessments, our first goal is to understand where your data lives, how it's formatted and the types of changes required to deliver fast, reliable answers to your queries and questions.

**Purpose-Built Infrastructure.** By focusing on your end goals, WEI experts can help you design and build smart, back-end architectures, custom-built for the throughput and low latency of your Big Data platform. Relying on a purpose-built infrastructure is an essential element to the success of your on-going analytics. From network details to storage, software to compute clusters, WEI has such infrastructure details covered. We even offer options for turn-key appliances or wider, converged infrastructures.

**Validated Best Practices.** WEI works closely with leading Big Data and analytics vendors, as well as their counterparts in virtual compute, networking and storage. For your own projects, this means you can rely on WEI to offer the latest, industry best practices and architectures to support your Big Data and analytics needs. This includes the use of combined-vendor validated and reference architectures already tuned for Big Data and analytics.

**Finely Tuned MPP Engines.** Massively Parallel Processing (MPP) engines are at the core of many Big Data architectures. WEI has experience designing and deploying these clusters of compute, network and shared storage in order to provide the best performance, latency, availability and security. Why not ask what type of "engine" we'd recommend for your Big Data or analytics needs?

**Scalable Up or Out.** Your analytics or Big Data infrastructure doesn't just need to be purpose-built for your current needs. It must also be elastic enough to expand easily up or out in future. You may even want to extend it from your own private infrastructure to a public service. WEI experts can help ensure your infrastructure will scale exactly where and how you most need it.

## ABOUT WEI

**WEI is an innovative,  
full service, customer centric  
IT solutions provider.**

**Why WEI? Because we care.  
Because we go further.**

At WEI, we're passionate about solving your technology problems and helping you drive your desired business outcomes. We believe in challenging the status quo and thinking differently. There are a lot of companies that can take today's technology and create a great IT solution for you. But we do more. We go further. And we have the customer, vendor and industry awards to prove it. WEI is a premier technology partner, who always puts our customers first while providing the most innovative solutions for over 25 years.

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 [info@wei.com](mailto:info@wei.com)

 800.296.7837

 [www.wei.com](http://www.wei.com)

 43 Northwestern Drive  
Salem, NH 03079