



Innovative Technology Solutions

Genzeon offers advanced technology solutions to support you in enhancing your product offerings and streamlining your technology operations.

Advanced technology solutions from Genzeon can elevate your organizational operations and software development capabilities to meet growing demands. Our expert engineers can assist you with meeting cutting-edge requirements or evolving your own organizational goals. Leverage Genzeon expertise to gain the advantage and stay ahead of the curve.

Solutions

Web/Mobile/Cloud

The proliferation of powerful mobile devices is driving the demand for high-performance mobile applications. Genzeon engineers can help you meet that need by developing cross-platform Xamarin applications that work on Windows, iOS or Android devices. Using the Windows Azure platform, we can ensure that your users always have secure access to their data in the cloud, while reducing your deployment and support costs. Do more, faster, on-the-go, with Genzeon mobile solutions.



Analytics/Big Data

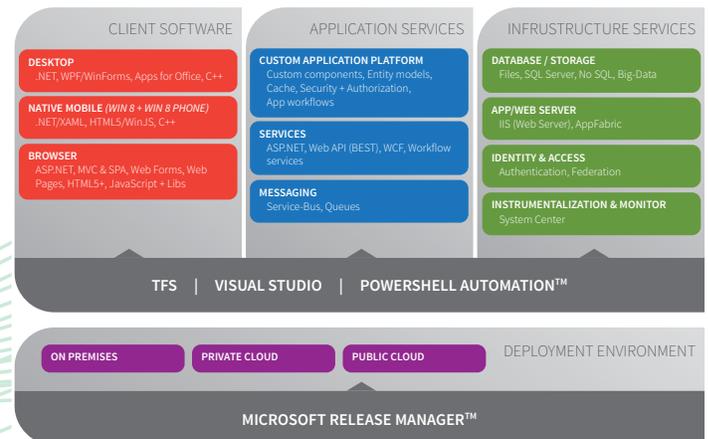
As the volume and complexity of data explodes, it becomes more difficult to store and manage using conventional databases and reporting tools. Genzeon has experience harnessing Big Data using MongoDB, Hadoop, Cassandra and R. We can help you unlock the insights you've been missing to gain the competitive edge.

Systems Integration

Genzeon is adept at cross-platform integration of data and applications. We'll work with you to seamlessly integrate your systems, providing convenient, consistent access to all of your critical data.

Microsoft

As a Microsoft Certified Partner, Genzeon offers extensive expertise in the Microsoft software stack. Whether you need client applications, application services, web applications, or infrastructure services, our experienced engineers are ready to develop the software, tools or infrastructure that your organization needs.



DevOps

Build, Release & Deployment Management

Genzeon can help your organization streamline each stage of your DevOps. By reducing the complexity and increasing the efficiency in your deployment processes, you will be able to accomplish more with fewer resources.

Automation

Are you ready to automate DevOps to make rapid, repeatable changes and enforce consistency of systems and devices? Genzeon experts can implement Puppet and Chef tools so you can enjoy the benefits of increased scalability and consistency, improved policy enforcement and decreased downtime.



DevOps (continued)

Virtualization/Containers

The growth of virtualization technology and widespread use of virtual machines has led to challenges around software continuity across machines. Container technology such as Docker can address this by ensuring that your application and all of its dependencies run as isolated processes without the overhead – your software is guaranteed to run consistently regardless of environment. Let Genzeon help you realize the benefits of containerization.



Monitoring/Alerting/Proactive Intervention

Genzeon is experienced with software monitoring and alerting tools which can help you proactively monitor, identify and resolve potential performance issues before they become larger problems. We will work with your team recommend appropriate monitoring tools based on your requirements and configure appropriate monitoring and alert parameters.

Genzeon will work with you to create effective alerts and tune the frequency and thresholds to “bubble up” relevant actionable alerts in the system. We can configure alerts by functional area, so that those responsible for monitoring each area are notified.

Software Engineering

Code Maintenance & Support

Support and maintenance are critical to keeping users happy, but many organizations struggle to staff these roles, particularly if the original developers are no longer available. Genzeon engineers can provide this important support, from a short-term focus on a specific area to longer-term maintenance or refactoring of a product suite.

Quality Assurance

Genzeon offers quality assurance solutions including developing and executing manual and automated test cases, as well as performance testing. Genzeon can help you achieve and exceed your quality and performance goals.

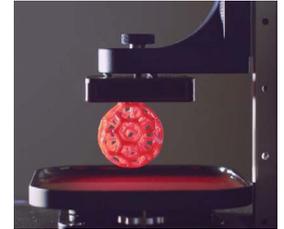
Secure Coding Best Practices

Genzeon Secure Coding Best Practice guidelines ensure that applications we build and support are safe from external hacking, cyber security threats, malware and ransomware. Genzeon also offers Security Audits to identify and remediate vulnerable code.

Emerging Technology

3D Printing

Whether you need assistance with developing a prototype or simply want to upload a design, Genzeon 3D printing services allow you to quickly and inexpensively bring product prototypes to life, so you can validate the design before investing in the manufacturing process.



Virtual/Augmented Reality

Genzeon VR/AR services can assist you with developing holographic applications using HoloLens, as well as real-time simulations and high-end visualizations. We can also port VR software to other platforms, develop and implement 3D simulation engines, and improve performance with parallelization of graphics computations.

Internet of Things (IoT)

Genzeon engineers develop and integrate technologies using Microsoft Azure and Amazon Web Services IoT platforms. In addition, our expertise with Big Data and Analytics can help you manage the wealth of data generated by IoT devices, and mine that data for important insights.



Wearables

Genzeon develops applications for popular wearable technology platforms, including iOS Watch, Fitbit and Samsung Gear. Our UI experts and developers will work with you to deliver a smooth user experience on small devices, while minimizing power consumption and CPU usage to extend battery life and keep devices cool.

About Genzeon

Genzeon Corporation builds advanced and customized Healthcare Information Technology (HIT), Performance Engineering, and Technology software solutions for clients in healthcare, commercial, financial and public sector organizations throughout the United States and across the globe. Our advanced engineers and technologists help solve our clients' most critical business challenges with flexible, scalable, next-generation technologies that enhance and optimize their systems to meet their organizational needs now and into the future.



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