

ASCENDION

Platform Modernization

Ready for what comes next

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Accelerate digital business by modernizing platforms and products

The way to business growth stands on software. Success in our digital-first world is about keeping up with changing business needs and evolving digital-ready business solutions.

Digital innovation is now the core of a business's ability to differentiate and compete. IDC predicts that nearly two-thirds of enterprises will be rapid software producers, deploying code daily, with over 90% of apps being cloud native.¹

Modern technologies, like the cloud, have created endless possibilities for businesses, where customers can connect the technology, people, and processes in new ways creating more value. More than 85% of organizations will embrace a cloud-first principle by 2025 and will not be able to fully execute on their digital strategies without the use of cloud-native architectures and technologies.²

But reliance on outdated legacy applications all but paralyzes the move to digital-ready systems like cloud and mobile.

So, what does this mean for enterprises stuck in the legacy past?

Enterprises born before the cloud are built on mainframes in continuous use for essential commercial processes. Those legacy systems relying on manual interventions, expensive maintenance, integration roadblocks, compliance issues and weak security can render some applications and systems obsolete. Even if the system has been efficiently deployed for decades, the rate of innovation and technology growth means it can't keep up forever. Add it all up and it equals stunted enterprise growth.



Today's cutting-edge tech is tomorrow's legacy system

Modernize & inspire change in your business

Being a digital business means faster adaptation and innovation at pace. But how? By focusing on agility, scalability, and compliance and modernizing applications at the core of your business.

Ascendion modernizes applications, platforms and products to help clients gain the benefits of digital agility. We focus on core transformation pillars like adopting cloud native, capitalizing on the power of APIs, embracing agile, working DevOps, and leveraging POD models.

Getting this modernization and migration strategy and execution right has multiple benefits including reduced costs, agility, faster time to market, improved security, and optimized cloud operations post-migration.

Technology impact subhead sets up the business need and impact

Some examples of client outcomes from Ascendion's platform modernization work:

\$1 million
in operating
cost savings

60% reduction
in the total cost of ownership (TCO)

90% reduction
in banking wire transfer
settlement issues

50% reduction
in required reporting
through consolidation

Restructure to accelerate performance

Maximizing value in the cloud means rethinking IT infrastructure, applications and data – knowing which mission critical applications to modernize while also identifying infrastructure and data architecture alternatives and solutions.

It's a lot to consider. Ascendion knows there is a fine balance to create among all functional systems. We use proprietary engineering platforms and methods as our key to seamless enterprise system integration.

Ascendion Pathfinder is a cost optimization framework that shows how to unlock value from IT investments to be redirected to improve ROI.

Ascendion OnPrem, Private, Cloud IaaS/PaaS/SaaS, and CAaaS managed service model enables higher efficiency and innovation for external and internal custom applications

Ascendion FORCE framework creates an API ecosystem of diverse applications and business platforms

Ascendion AVA DataSwitch redesigns schema, and migrates data for faster and more accurate insights from data and analytics

Ascendion AVA PLAY has readymade UI components, starter kits, accessibility framework, test automation, and design systems to create dynamic, user-centric experiences with effective information architecture.



Breathe new life into old software with a fresh approach

Completely overhauling your existing software can be risky, time-consuming, and costly. This is where the Ascendion MMR (modularize, modernize, refactor) approach comes in play.

Ascendion MMR is a comprehensive strategy for software modernization that breathes new life into existing software systems while minimizing disruption and maximizing value. Our proven methodology combines the benefits of modularization, modernization, and refactoring that can deliver transformative results.

Modularize

To modularize, we break software down into smaller, independent components that can be developed, tested, and maintained separately. The modular architecture enhances scalability, flexibility, and maintainability, boosting software adaptability for changing requirements and scaling with ease.

Modernize

To modernize, we bring software up-to-speed with the latest technologies, frameworks, and practices. We update or replace outdated components, integrate with cloud-based infrastructure, adopt contemporary APIs, and leverage emerging technologies. Modernization ensures your software remains competitive, secure, and aligned with industry standards.

Refactor

With refactoring techniques, we improve software's code quality, maintainability, and performance. Ascendion developers optimize the codebase, eliminate redundancies, enhance readability, and streamline the underlying structure without altering external behavior. Refactoring helps reduce technical debt, improves stability, and sets the stage for future enhancements.

The benefits of the Ascendion MMR approach include:



Incremental changes that minimize risk



Preserve business logic and user experience so users interact with the system in the same ways



Cost effectiveness using existing resources and codebase to reduce development costs and maximize value



Agility and future proofing with a foundation built for growth and adaptability that's ready to embrace changing market demands

Platform Modernization brings innovation to the fore

U.S. Sports RETAILER	Global Solution Provider in EDUCATION	Global Technology CORPORATION
Omni-channel platform for seamless shopping	Data platform with a student analytics hub	Automation platform and legacy data integration
70% improvement of in-store product availability	60% faster time to market	100% data accuracy within all systems
40% cost savings	45% reduction in operating expenses	100% data digitization of affiliates
\$5 million recovery in lost sales	40% increase in performance reports	\$3 million Cost savings



The Ascendion Advantage

Platform modernization and migration is a carefully considered process, based on where an organization is now and where it needs to be in the future. We analyze and address our client's challenges and find the best solution to help their business meet the future.

This requires a new kind of company to help with the modernization journey.

Allies to the best brands in the world

and serving a third of Fortune 100 companies.

Deliver innovation velocity with lower risk.

Digital talent orchestration provides better engineering outcomes at speed. Ascendion's 500+ talent specialists have access to more than four million digital experts in our MeTAL database, ready to get started tomorrow.

Engineering to elevate life

We bring together technology and talent to make and manage software platforms and products that power growth and deliver captivating experiences to consumers and employees.

Our software helps engineer software

The Ascendion AVA (A.AVA for short) core engineering platform enables each step of the IT cost optimization journey, resulting in 50% to 60% higher program efficiency and dramatically improved transparency along the journey.

Strengthen clients

Ascendion puts clients in a position of strength through better software, more productive consumer experiences, improved technology foundations, higher ROI, and future-proofed IT teams and organizations.

Designed for trust and transparency

Ascendion's engineering practices are built with radical transparency in mind. Seasoned technology leaders have all had program experiences with "black boxes," and that's where trouble happens. Our governance processes, enabling engineering platforms, and even our mindset is to minimize surprises by maximizing transparency. Imagine the radical transparency of an Uber Eats or Door Dash experience for your data program. The impact? Trust and confidence because small issues are spotted early (so they don't get bigger).

We create masters of craft

Other companies have "experts," but we have Ascendion Circles—communities of practice for peer-based learning—along with training, working partnerships, and applied project mentorship. Each of these elements help ensure our engineers become masters with applied skills like Platform Modernization and Migration, Cloud, Agile, APIs, DevOps and more — showing up and being productive on day one.

How can we help?

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The way to business growth stands on software. Success in our digital-first world is about keeping up with changing business needs and evolving digital-ready business solutions.

Digital innovation is now the core of a business's ability to differentiate and compete.

We never compromise with the quality – our performance, scalability, security, and mature risk management practices all ensure that you get the ROI your business deserves. We bring to the table a mix of skilled professionals, advanced security technology, comprehensive policies and processes. Helping you derive new business value from your legacy solutions is our only agenda.

We're doing this for some of the top companies in the world, and we'd love to help you also. This introductory overview is—we hope—the beginning of the conversation, and we look forward to sharing more soon!

Sources

1 <https://www.businesswire.com/news/home/20191029005144/en/IDC-FutureScape-Outlines-the-Impact-Digital-Supremacy-Will-Have-on-Enterprise-Transformation-and-the-IT-Industry#:~:text=By%202025%2C%20nearly%20two%20thirds,5>

2 <https://www.gartner.com/en/newsroom/press-releases/2021-11-10-gartner-says-cloud-will-be-the-centerpiece-of-new-digital-experiences>

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About Ascendion

Ascendion is an ally for clients seeking enterprise digital innovation. We make and manage software platforms and products that power growth and deliver captivating experiences. By embracing the future of work, we bring creativity and execution excellence together to make digital innovation valuable (and even fun). Our engineering, cloud, data, experience design, and talent solution capabilities accelerate transformation for Global 2000 clients. Ascendion is headquartered in New Jersey. In addition to our remote/hybrid workforce, we have 20 offices across the US and India. We are committed to building technology that elevates life with an inclusive workforce, service to our communities, and a vibrant culture. For more information, please go to **www.ascendion.com**.

