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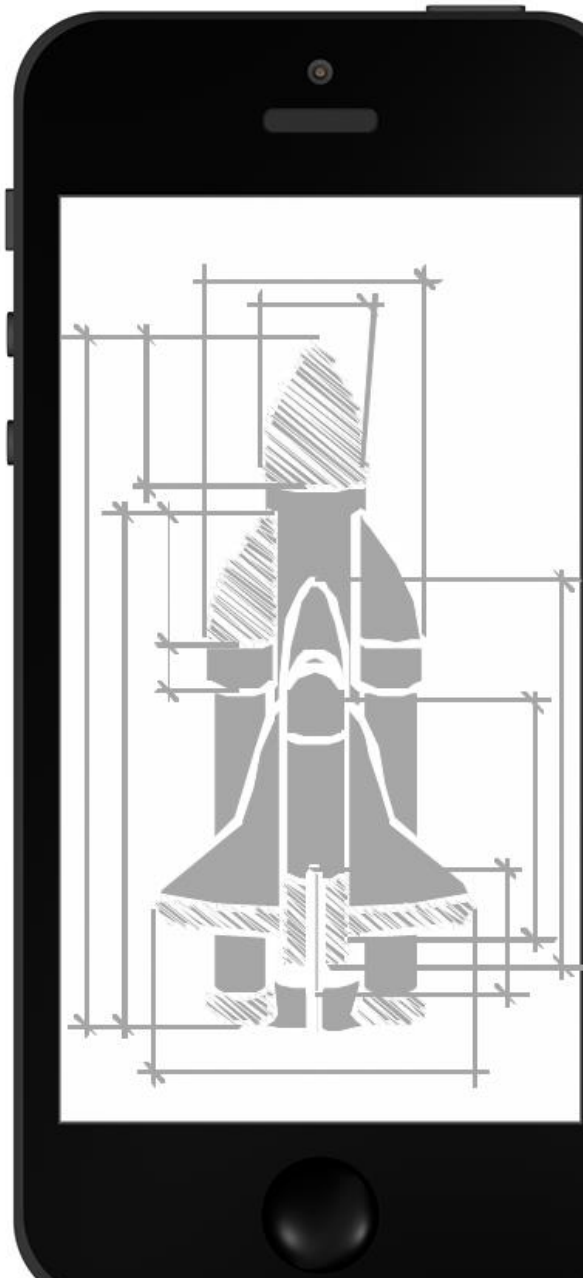
Systems Integration

A simplified application integration architecture

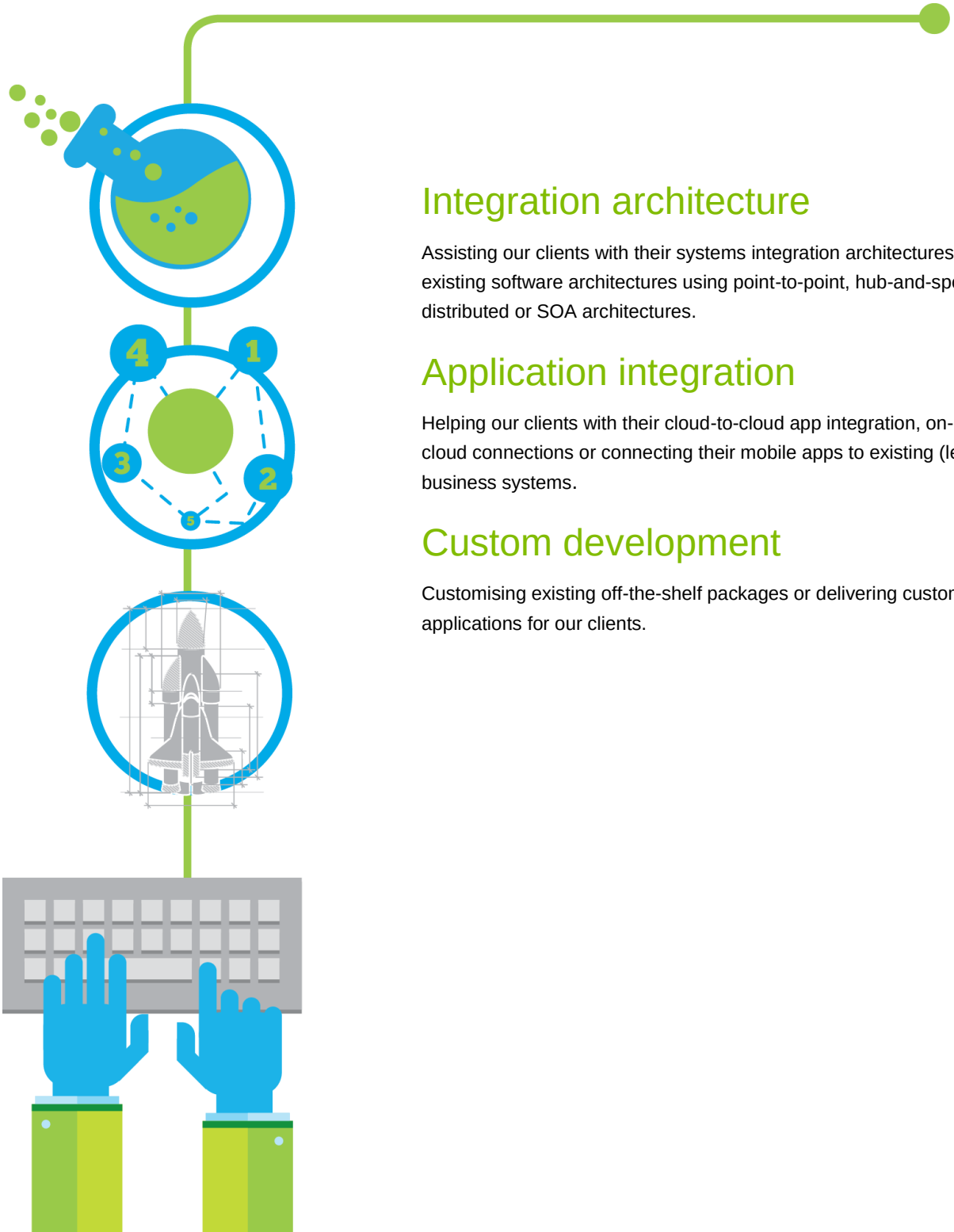
When IT cannot stretch to take on new projects or business initiatives without losing ground somewhere else, something has to give. This is precisely the predicament that many IT organisations discover or are faced with when unexpected new challenges such as a mergers or acquisitions; new product launches or having to rapidly and seamlessly integrate new software architectures (such as cloud and mobile) into their existing environments to deliver the expected business benefit.

Part of the problem is the technology infrastructure itself, which may not be able to accommodate new solutions effectively. As highlighted, capability to integrate these new solutions and related capacity is also a typical bottleneck for business change, but people's reactions are just as important. After years of working with the same infrastructure, they may not be prepared to embrace a new one quickly enough.

Systems integration assists by allowing companies to focus on the roots of their technology problems without starting from scratch, improving the ways in which their solutions connect with and complement one another.



Systems integration services we offer



Integration architecture

Assisting our clients with their systems integration architectures to extend existing software architectures using point-to-point, hub-and-spoke, distributed or SOA architectures.

Application integration

Helping our clients with their cloud-to-cloud app integration, on-premise to cloud connections or connecting their mobile apps to existing (legacy) business systems.

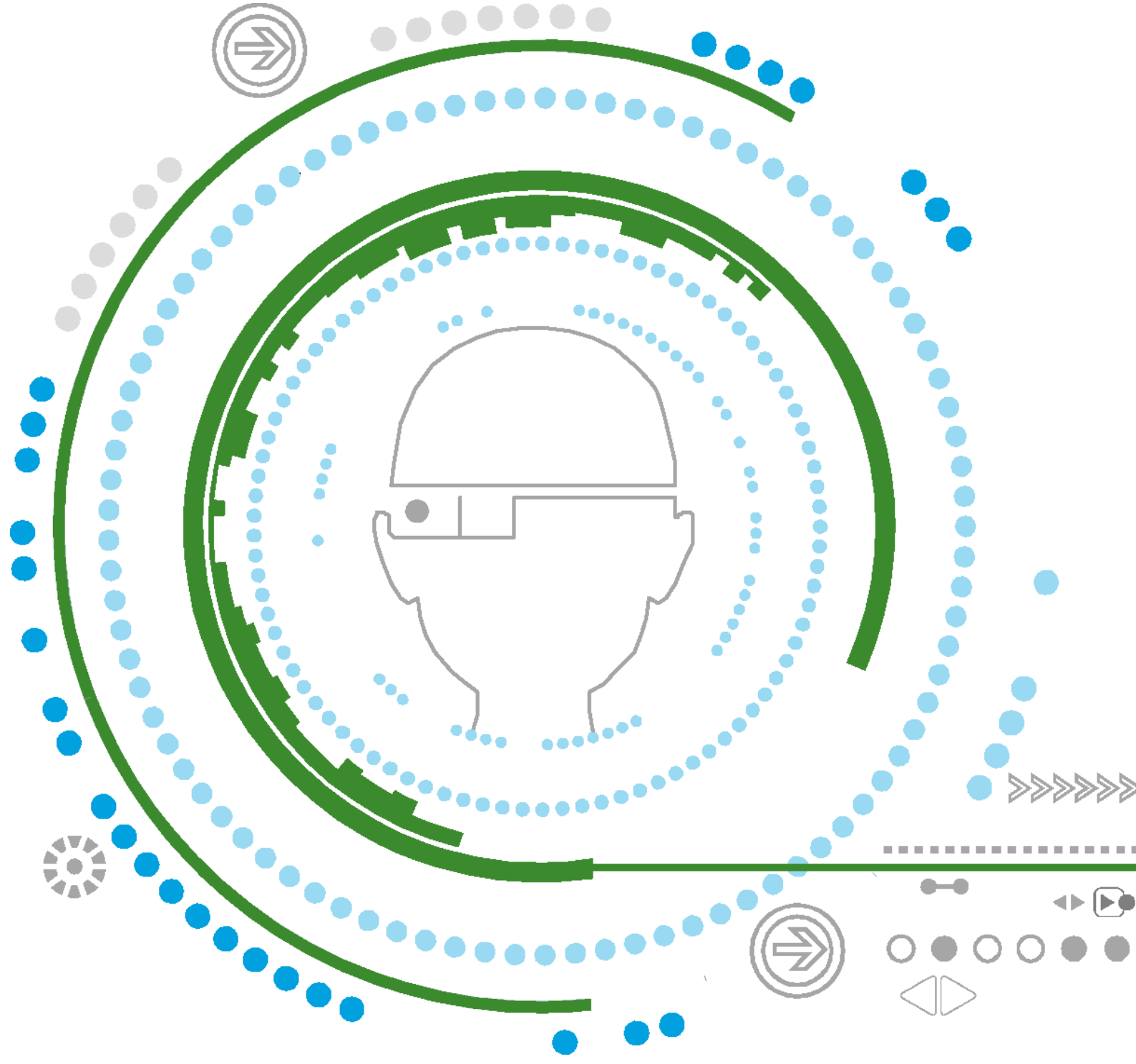
Custom development

Customising existing off-the-shelf packages or delivering custom developed applications for our clients.

Solution architecture

If they could start from scratch, most IT leaders would probably do many things differently. This is because as their businesses build new capabilities, adopt new technologies and take on new challenges, the resulting tangle of solutions often leaves much to be desired. Systems don't work well with one another. It's harder to support important business goals. Manual processes persist where automation should reign. But executives can't fight every battle with limited resources, and starting from scratch is typically not an option. So when is it really time to make a change – and what's a smart way to go about it?

That's where our integration architecture service offering can help. By helping our clients extend their existing software architectures using point-to-point, hub-and-spoke, distributed, cloud based or service orientated integration architectures.



Application integration

Mobile and cloud adoption across the enterprise is a growing reality, but much of the usage is in addition to on-premises systems, not in replacement. As mobile apps and cloud services continue to expand, companies are increasingly connecting mobile-to-core, cloud-to-cloud and cloud-to-core systems in strings, clusters, storms, and more, cobbling together discrete services for an end-to-end business process.

Our application integration service offering uses SOA, SaaS integration or API's to enable our clients to deliver advanced systems integration capabilities to support the following integration models: -

- Mobile-to-core – connecting new digital enablers to existing on-premise core line of business systems (e.g. connecting iOS or Android apps to mainframe modules or SAP);
- Cloud-to-core – integrating newly acquired cloud applications to existing on-premise core line of business systems (e.g. connecting salesforce to SAP and other legacy mainframe modules); and
- Cloud-to-cloud – connecting cloud based applications with each other to ensure seamless and effortless processing.

Custom development

Off-the-shelf software solutions have evolved to offer more targeted, industry-specific functionality right out of the box, but that does not mean custom development is a thing of the past. No matter how targeted these solutions become, the unique needs of your company grow more complex every day. It takes customisation to squeeze the full value out of big technology investments.

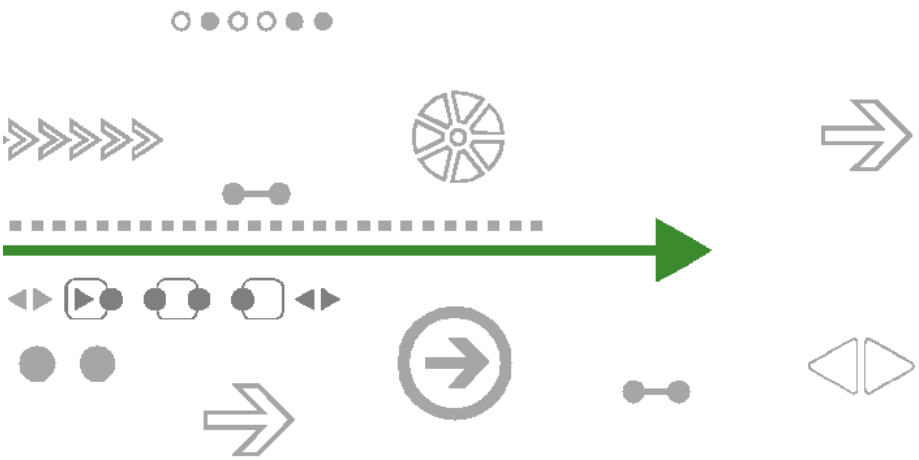
There are plenty of reputable providers of Java EE and Microsoft.NET services for companies looking to customise. But effective solutions require more than just the ability to execute at a technical level, they require a team who understands the business context and is focused on generating measurable results. That is where we come in. We know how customisation projects fit into the big picture, building on our deep knowledge of the industries we serve. Some of the services we offer include application design services, application customisation services and application development and testing services.

Bottom-line benefits

- Develop a service delivery model that takes advantage of global deployment and low-cost delivery alternatives to reduce costs while increasing speed, balance and agility;
- Adapt business processes and capabilities more quickly to provide the agility that a rapidly changing business environment demands;
- Ability to rapidly take-on and integrate new cloud based and mobile architectures into existing software architectures;
- Improve operational efficiency by reducing manual handoffs and latency, making efficient use of critical business processes to main balance and keep operations robust; and
- Establish a standard foundation of systems and processes that cut across languages, geographic regions and regulatory environments to create a truly global enterprise.

Technology partners

- MuleSoft;
- Microsoft;
- Cordys; and
- IBM.



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Mobile to line-of-business systems. Easily connecting your new mobile apps to your legacy line-of-business systems.

Cloud-to-cloud integration. Connecting your new cloud based applications with ease for smoother processing.

On-premise to cloud. Connecting your legacy on-premise systems to your new cloud based application architecture.

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