

WHITE PAPER

The future is composable

From traditional system integration to embracing API-based regenerative business models





Authors

Edward Abbiati

Chief Marketing Officer

ENGINEERING

edward.abbiati@eng.it

[in Edward Abbiati](#)

Giovanni Aiello

Manager & Head of Research Unit, Digitech R&I

ENGINEERING

giovanni.aiello@eng.it

[in Giovanni Aiello](#)

Alessandro Castiello

Strategic Marketing & Content Senior Manager

ENGINEERING

alessandro.castiello@eng.it

[in Alessandro Castiello](#)

Fernando De Castro Rubio Poli

Head of Consulting Advanced Enterprise Platform

ENGINEERING

fernando.poli@eng.it

[in Fernando De Castro Rubio Poli](#)

Filippo Di Cesare

CEO, Engineering Brasil

ENGINEERING

filippo.dicesare@eng.it

[in Filippo Di Cesare](#)

Lanfranco Marasso

Smart City Program Director

ENGINEERING

lanfranco.marasso@eng.it

[in Lanfranco Marasso](#)

Roxana Oana

Strategic Marketing & Content Senior Manager

ENGINEERING

roxana.oana@eng.it

[in Roxana Oana](#)



Summary

01 / The New Era of digitalisation	2
02 / The evolution of Digital Transformation	4
03 / The role of composable solutions	8
04 / It's a matter of creativity	11
05 / What composable looks like	15
06 / Key takeaways	20





The New Era of digitalisation

It is time to rethink not only the future but also the present.

The world must constantly adapt to the emerging challenges; traditional business models and revenue streams are being questioned. Yet, it is precisely during times of crisis that we uncover alternatives, strengths, and new opportunities. Digitalization is constantly accelerating, and increasing complexity is the result of ongoing waves of innovation. By embracing technology, we are not only improving our world but also making a secure transformation possible. This digital transformation signifies **a true change in perspective**, as we become increasingly aware of our belonging to interconnected social, economic, physical, and digital ecosystems. The time has come to expand our boundaries: **reshaping business models, rethinking markets, considering new needs and rising core values**. For a long time, technology and IT were primarily associated

with optimization, cost reduction, and simplification. While these remain relevant today, the advancement of digital enabling technologies has sparked a new evolution.

Technology is no longer just about optimising processes, but about transforming businesses through creativity and innovation, thus accelerating agility.

With new technologies, we have the opportunity to **re-imagine the way we live, work and interact**.

By harnessing digital tools, we can create new business models to deliver innovation and go beyond mere optimisation.



System integration, the art of making technologies communicate, has taken on new significance in this era of digital transformation.

The shift from traditional system integration services (using middleware solutions) to modern system integration based on smarter use of technologies (API-based, low code, Application Composition Platform) enables companies to deliver faster results and more agile and flexible systems.

In recent years, we have witnessed a tremendous evolution in HCM and CRM software, providing a prime example of how **creativity and innovation can enhance the user experience** and increase agility within systems.

System integration involves connecting various IT systems and applications to create a unified environment that facilitates the flow of data and streamlines processes.

Digital transformation goes a step further

by using digital enabling technologies to change the way processes shape our lives.

So how can organizations drive value through modern systems integration?

First, by integrating new technologies, cloud applications and business processes into a **rapidly adaptable system** where organizations can rethink their business, and second, by **assembling components together** in different combinations to meet specific needs through **composability**. This helps them to become more creative, flexible and responsive to market changes while ensuring high security and efficiency.

The level of maturity and composability reached by new technologies are really **powering this new digital era**.

In this paper we aim to showcase our vision and approach along with our experiences.





02 The evolution of Digital Transformation

To embark such a crucial journey, it is essential to possess the **right mix of skills and knowledge**. Moreover, it requires a deep understanding of the market, business processes, involved stakeholders, and their needs, as well as both traditional and cutting-edge technologies. This allows for the creation of ecosystems that offer **tailored fitted services and experiences**, capable of meeting demands and expectations.

In the past, technologies like ERP have been used not only for their core qualities, but also to provide a technical backbone for entire organisations. Processes and organisations shaped themselves at times around these platforms. From design to delivery, with time spent on gathering feedback, solutions could take months or years to be delivered. This approach is less appealing in the new digital age where platforms evolve and adapt to user needs rather than imposing structure as before.

In today's scenarios, we simply do not have that time, and we must be able to quickly change. We cannot be constrained by the rigidity of these systems.



The role of Composable in Digital Ecosystems

Composability allows the innovation and value of the entire ecosystem to be self-reinforcing, by generating new services that can be quickly assembled to meet specific needs. This means that these composable solutions can be reassembled and put together differently as needs and strategies evolve or change completely. This ensures continuous and adaptable value for changing needs and stakeholders. Moreover, composable solutions do not exclude old and legacy systems, allowing them to be plugged in the ecosystem without readaptations.

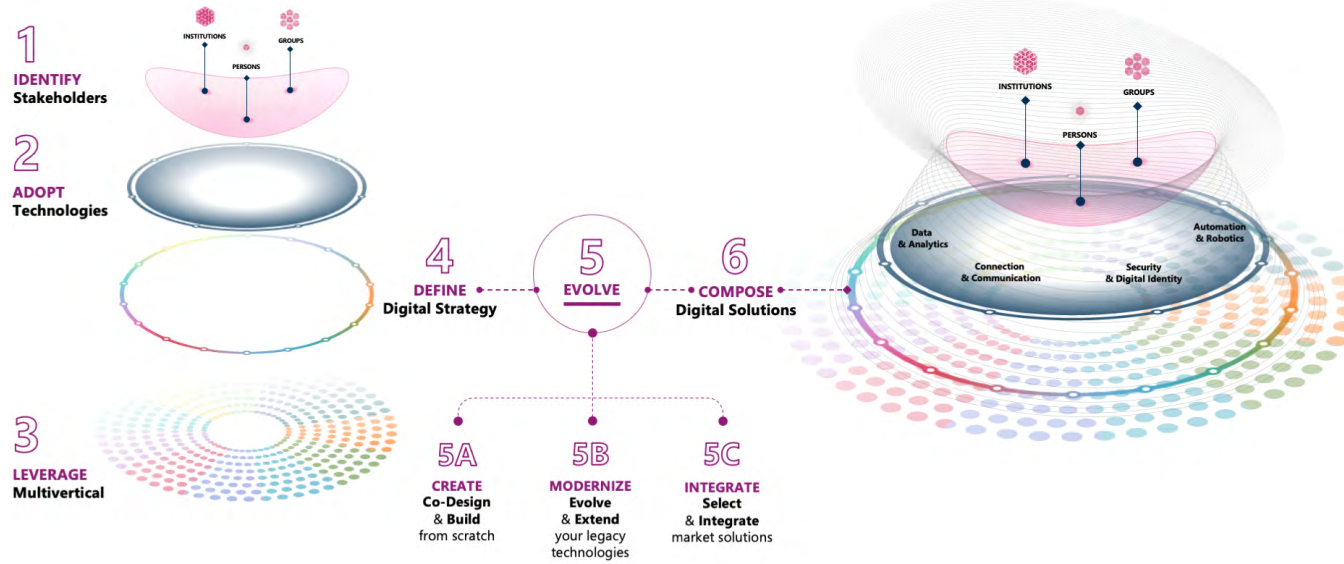
Digital Ecosystems use data that comes from multiple data sources, applications and services. Data sources are connected via APIs and standard message brokers. Then, specific accelerators are composed to apply business logic (e.g., AI based) and to allow the rapid delivery of the full stack of innovative digital services (from back-end to front-end). APIs enable us to create and/or connect new processes and services by harnessing the full power of Digital Ecosystems.

The current evolution calls for **more flexible and adaptable business models**. A true evolution that enables services to be rapidly put together and released and quickly dismissed according to needs.

The strategy should be shaped by a thorough understanding of all stakeholders and their needs, an awareness of the potential of technology and **the ability to keep pace with rapid change**.

Last but not least, it is crucial that the strategy is enriched by valuable insights and experiences derived from different industries. This knowledge and experience is the basis for **defining and implementing a digital strategy** that leads to further development.

Our role in building digital ecosystems and composable solutions covers various aspects.



© Engineering

Evolution comes in the shape of tailor fitted digital solutions and services that spawn from these main activities:

- The definition of a Digital Transformation Strategy (**Define**)
- The creation of brand new proprietary Solutions (**Create**)
- The evolution and extension of Legacy Applications and Systems (**Modernize**) enables to extend their values
- The integration of Market Solutions, including SaaS platforms, to manage processes and services (**Integrate**)

By combining systems and processes, as shown in our composable approach, we can implement innovative solutions (products and services) for all stakeholders in **new, original ways**.

The evolution of digital transformation

Fig. 1 - our composable approach

SYSTEM INTEGRATION IS INDISPENSABLE FOR DIGITAL TRANSFORMATION

Digital transformation and system integration are related concepts and go hand in hand, as the two concepts are not mutually exclusive. In fact, digital transformation often involves integrating various IT systems and processes to create a more seamless and efficient digital experience for users.

System integration refers to the process of connecting different IT systems and applications to enable data sharing and streamline business processes. It involves bringing together disparate systems and creating a unified environment that allows data to flow freely between them. This integration can be accomplished through a variety of methods, including APIs, middleware, and custom code.

Digital transformation, on the other hand, involves using digital technologies to fundamentally change how businesses operate and deliver value to customers. This can involve implementing new systems and processes, as well as leveraging data and analytics to gain insights and drive decision-making.

While system integration can be an important aspect of digital transformation, it is not the only one. Digital transformation can involve a wide range of activities, such as adopting cloud computing, implementing Artificial Intelligence and Machine Learning, and leveraging the Internet of Things (IoT) to connect and automate devices. Without integration, there is no digital transformation, as the former is essential for the latter. For example, if IoT devices, cloud applications and ML do not communicate with each other, the value of these individual initiatives is very limited.

Digital transformation requires a data-centric culture. The way data and systems are integrated affects the speed at which businesses evolve, compete and innovate.





The role of composable solutions

Digital transformation projects can vary widely depending on the industry and the **Key Differentiators**, i.e. the specifics and uniqueness of the business. The digital ecosystems are made of multiple stakeholders, technologies and providers, as explained in our [Digital Ecosystems Whitepaper](#).

Organisations embarking on a "digital journey" via cloud have access to agility, scalability, a high level of security and a usage-based service model. Regardless of the starting point of a digital transformation project, the goal is to leverage technology **to provide a richer and more fluid experience** for users by quickly transferring meaningful data, reducing inefficiencies and creating value-based ecosystems.

In addition, to address market uncertainty, changing customer needs and environmental, social and economic challenges, organisations are seeking to achieve greater agility through the use or re-use of flexible, interoperable technologies.

IT needs to be equally fast and flexible, taking advantage of an open architecture that allows the monolith to be broken down into multiple parts that can then be decoupled and each independently extended, evolved or integrated.

All digital systems are compositions of different subsystems (modules). This requires a design with well-defined interfaces that can serve a wide range of scenarios. Modular elements, such as microservices, can be easily reused in various contexts or employed as fundamental components to meet new requirements.

Microservices architecture offers a decentralized approach where system functions are divided into separate and distributed services, decoupled so that each service can be developed, deployed, and managed independently.

Instead of implementing a single solution, a modular architecture breaks down various business requirements into a series of small services that then communicate with each other via application programming interfaces (APIs). This means that microservices provide the **speed** and **flexibility** needed to solve business most complex requirements and implement a specific functionality in a specific context .

Modularity is an essential prerequisite for scalability and serves as the basis for a composable architecture. **Composability, on the other hand, refers to the ability to combine two or more components** and define how they relate or connect to each other.



Composability envisages the use of small, reusable components that can be flexibly assembled to create tailor fitted services and solutions that meet specific business needs. These can be assembled and disassembled quickly and can use all types of existing data or systems.

Composability encompasses diverse domains and disciplines. For example:

- **Composable digital services:** composable digital services are software applications created by assembling or combining independent components or services that are designed to perform specific functions. The same components can be reused in different composed digital services, drastically reducing the time-to-market and keeping costs under control. Another aspect is that when you compose, you "orchestrate" the components and connect the orchestrated process to specific micro front-ends according to a coherent UX that satisfy the needs. Composable digital services adapt quickly to changing market conditions and customer needs. This concept can be applied from small customised solutions to enterprise platforms (e.g. IoT applications, ERP, CRM, HCM).

- **Composable infrastructure & cloud:** in a composable world, even the platforms must be composable. Composable infrastructures, encompassing storage, data processing, and networking, allow you to overcome the physical constraints typical of traditional hardware, providing a highly flexible, scalable, and adaptable IT environment. Independent, cloud-based resources are accessed and pooled together, dynamically and independently, to meet the demands of workloads and enable rapid scaling on demand.

It is about breaking down the traditional IT silos and creating a pool of resources that can be dynamically allocated to meet specific application and workload requirements. It can compose and pull apart (cloud) resources to handle peaks and troughs.

- **Composable security:** the ever-changing and expanding virtual security perimeter of organizations has changed the approach to cybersecurity from an in / out defence to an everywhere approach. To address cyber threats, a new approach is needed that combines different tools and systems, a Composable Security that uses different

solutions to provide a more flexible and resilient protection mesh. As we outline in our [Cybersecurity Whitepaper](#), we adopt the Composable Mesh approach for our SOC framework, bringing control points and security measures closer to the assets to be defended, while integrating them into a central, multi-layered platform that hosts analytics, automation, orchestration, dashboarding and reporting capabilities.

- **Composable AI & Analytics:** Composable AI & Analytics is an approach to Artificial Intelligence in which AI models, Analytics and algorithms are exposed as-a-service and broken down into smaller, reusable components that can be combined and reassembled in flexible ways to create production ready tailor fitted AI solutions, drastically reducing the time-to-market of both batch and stream based production ready ML models.

Composable platforms include specific modules that accelerate the fast reuse and experimentation of both AI models and algorithms and enable the deduction of new information from data gathered. Furthermore, Composable AI fosters a collaborative ecosystem where AI solutions from various vendors and partners can seamlessly work together.

COMPOSABILITY IS NOT THE SAME THING AS MODULARITY

Modularity is a concept that aims to reduce the scale of a solution by breaking it into specific blocks that are focused on particular functions but can be put together to provide a broader range of functions related to the product or platform in question.

Modularity allows businesses to change and upgrade parts of their applications **without affecting the rest of the system or the core functions of a solution**. The overall orchestration of these solutions determines modularisation and manages different parts of the business.

Composability is a paradigm that allows components to be creatively assembled and services to be developed from scratch. While a module is part of a defined overall scope, composability allows you to assemble components and quickly create tailor fitted solutions for

specific users or needs. Composability gives you the ability to think in building blocks and see the business as an orchestration of independent modular components, such as microservices, applications, or a set of data, services, and APIs for a well-defined functionality (PBC - Packaged Business Capabilities), yet interconnected.

Therefore, composable solutions help organizations be flexible and to adapt to the rapid changes in the market.

By combining the principles of modularity and composability, organizations find the right direction on what and how to compose.

FOCUS



04 It's a matter of creativity

The composability allows the enterprise to integrate various components much faster and use APIs to quickly add features and **accelerate time to market.**

From a data perspective, organisations that have adopted a composable model have a **hybrid and agile architecture** that allows easy and fast access to the data encapsulated in reusable building blocks (via APIs and/or events) and can be leveraged by new technologies such as cloud, IoT, Artificial Intelligence and Big Data. The different levels of integration make it **easy to connect front-end and back-end**, encouraging greater investment in the best applications and suitable for the business, without the risk of fragmenting or isolating data.

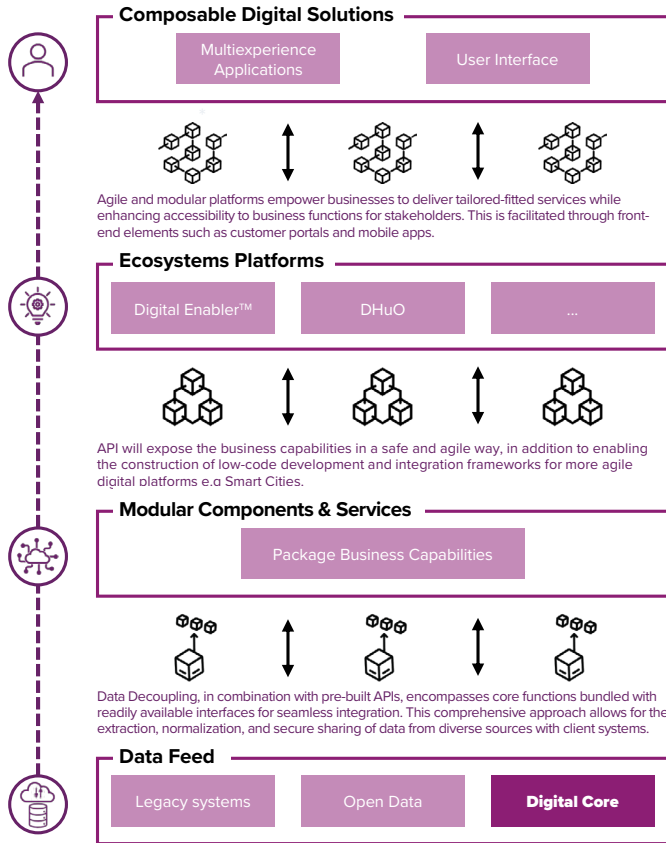
Data is instantly available in business applications whenever

it is requested. From a process perspective, this composable approach enables organisations to **reimagine their existing service delivery frameworks** through the adoption of end-to-end models. This allows data to flow through all stages, from research and development to manufacturing, supply chain and customer interactions.

At the user level, **access to data is immediate and more secure**, removing barriers between conventional lines of business and external partner engagement, ultimately providing a seamless experience. Rethinking the Enterprise Architecture to evolve key functions is the path to a composable business.

Organizations can develop new competencies in this fast time-to-market model, supporting changing business needs while reducing total cost of ownership.

A composable architecture refers to a framework that separates and reorganizes technological resources, including applications and services, to establish a remarkably efficient ecosystem. Its modular, flexible components offer rapid personalization capabilities, ensuring improved performance and the ability to meet the ever-evolving demands of the modern landscape.



The Path to a Clean Digital Core

In today's rapidly evolving digital landscape, the composable architecture stands out as a game-changer. It empowers organizations to seamlessly orchestrate data exchange between the Digital Core and Best Fit Applications, all while integrating modular building blocks that adapt to changing requirements. This transformative approach offers the freedom to innovate without the hassle of tearing down and replacing integration infrastructure with each new challenge.

By embracing this architecture, organizations can harness creativity and speed while ensuring their Digital Core remains cutting-edge, incorporating innovations from software vendors effortlessly. This eliminates the need for extensive customization of the Digital Core, instead encouraging the use of solutions that extend its functionalities, facilitating swift updates to base systems.

In contrast to the old paradigm of ERP systems characterized by customized solutions for each specific requirement, this approach promotes a clean digital core. It relies on composable building blocks that enable rapid adaptation and innovation across various business domain capabilities, encompassing specific competencies, functions, or areas of expertise within a particular industry or sector.

It's a matter of creativity

Fig. 2 - The framework of composable architecture

A composable approach is only possible if you embrace the evolution towards more modern IT environments by using Low-code applications that consist of pre-built, interoperable components that you can connect via APIs, such as PBCs (Packaged Business Capabilities), to create powerful, easy-to-integrate applications without disrupting business operations.

Composable solutions go beyond the technical aspect. They help you run your business creatively and innovatively by reusing the different components to create new value and proactively manage the pace of business change.

Composable business based on modularity allows management to reorganise and realign according to different external (or internal) factors, applying the approach to all business assets (people, processes, technologies), and not only to the IT infrastructure.



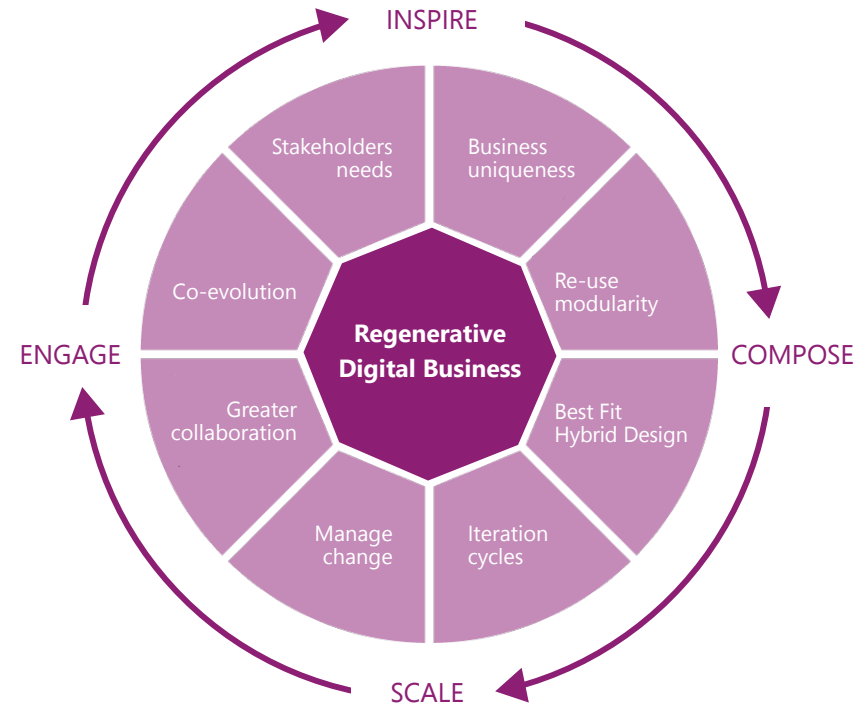


To address current challenges, we must embrace a regenerative perspective, shifting from the notion of isolated elements to a broader vision, and considering how an entire ecosystem can evolve in the future, positively influencing the world.

Given the urgency of sustainability issues and a global crisis, we may need **to make a profound discovery** that requires businesses to change the perspective and focus on connecting the right dots for a **more creative, agile and sustainable digital infrastructure.**

This requires developing a **regenerative** approach to business that is able to build an ecosystem where technology is constantly evolving and adapting to the natural dynamics of the world we live in.

The beauty of the ability to compose is that it enables an incremental approach, which cyclically refocuses efforts.



It's a matter of creativity

Fig. 3 - regenerative model for composable solutions



CASE STUDY / E-HEALTH

The power of data in pandemics

In a matter of days, we repurposed Digital Enabler™ to build e-health digital services aimed at contrasting the Covid 19 pandemic in north-eastern Italy, taking into account the specific needs of different stakeholders.

In the first days of the Covid-19 pandemic in the north-east of Italy, one of the most affected areas, we faced a critical problem. Doctors had the task of caring for patients while minimising the risk of further transmission of the virus.

The question arose: how could they safely receive patients in their clinics and establish the appropriate protocols?

In addition, local authorities, constrained by limited resources, needed a better understanding of how the virus was spreading and effective countermeasures.

In a remarkably short span of time, we developed a solution originally designed to manage open data in urban environments (e.g. lighting, traffic, pollution monitoring) to collect and standardise data from multiple sources.

This included data from Covid-19 testing laboratories, medical records and information about people's workplaces and homes. This enabled the rapid development of a dashboard that could assess the risk level associated with each individual seeking a doctor's appointment.

By considering factors such as a positive test result or contact with an infected person, doctors were able to put appropriate protocols in place immediately.

At the same time, local authorities gained valuable insight into the Covid-19 outbreak and were able to use their limited resources strategically. Analysing data on the spread of the virus also allowed us to develop algorithms to predict future trends and requirements.

We harnessed existing data from traditional systems, normalized it and used it to create a customised digital service for specific needs.

Multiple stakeholders employed the same data and the same system for their respective purposes, with additional components (e.g. cybersecurity, data visualisation, AI) integrated as new needs emerged.

05 What composable looks like

What composable looks like



CASE STUDY / AUGMENTED CITY

The first Valley 4.0 in Italy

This is an example of how a combination of creativity, stakeholder knowledge, diverse requirements and a composable approach enabled a solution to be created within days and evolved day by day.



Through project funding and our Digital Enabler™, we helped municipalities in the smart and sustainable development of the territory.

The project 'In Valmalenco' involves four municipalities in the Lombardy Valley (Chiesa in Valmalenco - lead municipality, Caspoggio, Lanzada, Spriana). It is the first Italian I.T.I. (Integrated Territorial Investment) project activated in the Alpine area and sees the municipalities collaborating for local development in terms of infrastructure, economic, cultural, social and environmental attractiveness, cohesion and shared identity - all under the sign of sustainability. This is made possible through interventions based on the real needs of the territory and of the administrations in terms of sustainable mobility, energy transition, regeneration and sustainable development, territorial identity and digitalisation.

The model is based on six major "thematic corridors": mobility, water, energy efficiency, territorial development and regeneration, quality of life and digitalisation. The census work carried out by the municipalities identified the needs, dimensions, dynamics, timing and level of cohesion of the territory.

In this example, we see how creativity and compositional ability can be beneficial in relation to community dynamics and how meaningful collaboration of different data from multiple domains is ensured through the participation of all stakeholders.



What composable looks like



CASE STUDY / DIGITAL RETAIL & FASHION

Best-fit approach for retail

With a composable solution we supported the post-sales processes of a global leader in the luxury fashion market.

We provided consultancy and technological development of the current platform for the processes of return and quality management, spare parts and repair management.

The aim was to identify the best available and modular technologies to meet the current and future challenges of the industry. The challenge of the project was that there were numerous business uniqueness that combined CRM and logistics processes in the same workflow, with an integrated application that allowed the different stakeholders to collaborate through specific and dedicated user interfaces.

We developed a hybrid solution following the best-fit approach, analysing the challenges of the market, the uniqueness of the business (key differentiators) and its operating model.

The result was a new user experience for salespeople, shop managers, the logistics back office and management, with online data integration and advanced

features for end-to-end management of complex returns and repair logistics processes. The solution leveraged the scalability, flexibility and agility of the Microsoft Cloud Application (CRM, Dynamics 365, Azure) and was implemented using agile methods.



CASE STUDY / SMART ENERGY & UTILITIES

Hybrid Composable Architecture

We redesigned the application architecture for corporate card, prepaid card and fuel voucher solutions of a large oil company.

The goal was to determine the most appropriate and modular architecture that would meet the business needs and improve the stakeholder experience, which required a complete review of the processes and systems in use. We started by defining a new experience that took into account B2B, B2C, B2E (sales and back office) and third parties.

The next step was building the best-fit architecture that combined components from best of breed global market solutions and our proprietary solutions. Some of the components of the current architecture were retained to simplify their implementation and realise their full potential. The new agile and hybrid application model included a customer portal and application with access to online information, a data lake, access to backends via an API layer, vertical solutions for CRM processes, cards and vouchers.

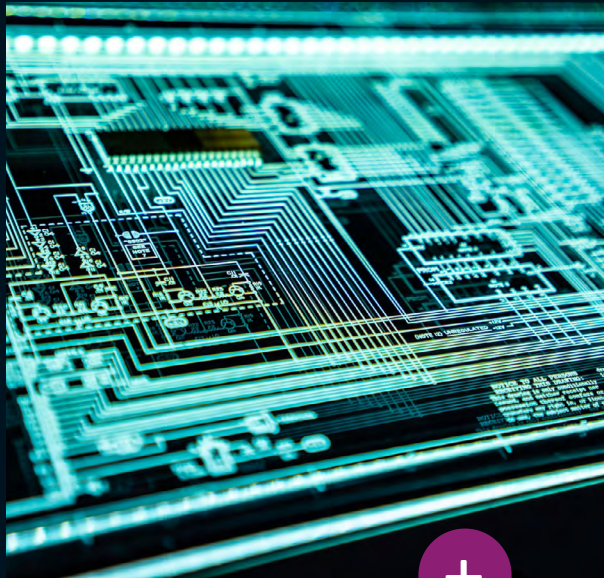
The model provided an integration layer to integrate data between systems and an extension layer to perform future



CASE STUDY / DIGITAL MEDIA & COMMUNICATION

New modular architectures

developments and maintain the Digital Core standard. The hybrid approach allows the business to modernise its current infrastructure, simplify current processes and improve the customer experience and loyalty programmes by adapting to rapidly changing market needs.



We innovate the user experience of a world leader in the telecommunications.

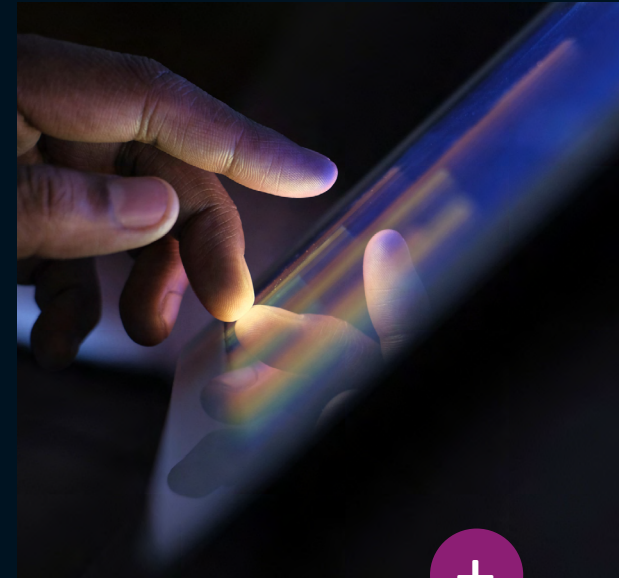
The challenge was to improve the customer experience by renewing the back-end and front-end interfaces of the web and app channels, adopting a data-driven approach and redesigning the end-user experience. To meet the needs of such a demanding market, we introduced a new service delivery platform based on a microservice architecture and using innovative data storage solutions to provide a 360° view of the customer and faster, smarter use of data.

"Microservice" is the key word of the project and refers to a specific type of architecture that enables agile, modular, scalable and innovative IT. The back-end was implemented with distributed microservices based on PaaS and container technologies, accessible to the different channels via an API gateway. The front-end web component was developed as a single-page application that enabled UX to be unified and enhanced across app and web channels.

The project introduced a DevOps working model within the structure of IT that enabled the operations team and

developers to manage, facilitate and monitor applications very early in the development cycle.

In this example, the composable architecture provides the necessary foundation for microservice orchestration and resource provisioning automation.



What composable looks like

Composability makes it possible to provide a scalable and continuously evolving platform, as individual components can be seamlessly updated or replaced.

[Digital Enabler™](#) is a cloud native composable platform providing a suite of accelerators that can be assembled for rapidly building innovative end-to-end data-driven applications and services.

It allows data acquisition from heterogeneous sources (IoT included), acts as a data HUB among third-party systems, provides graphical tools for data integration and harmonization, enables composable AI&Analytics and visualization of data on multiple channels (e.g., dashboards, Digital Twins, AR/VR apps, metaverse).

Digital Enabler™ is a versatile modular platform with a European presence that makes data easily usable by

different parts of the digital ecosystem. It allows for the delivery of production ready services and applications within a short time-to-market, giving competitive edge in an increasingly fast-moving market.

[DHuO](#) is a modular platform with a significant presence in Latin America, revolutionizing businesses by leading the development and management of APIs, integrations, and AI/Data solutions.

Crafted by our team in Brazil, DHuO offers multi-gateway API Management for enhanced handling across diverse environments. Its iPaaS (Integration Platform as a Service) module standardizes integration, streamlining automation and data sharing.

Advanced 'data decoupling' tools efficiently extract and normalize data from various sources, ensuring secure access.

DHuO enables businesses with pre-built AI applications tailored to specific objectives and industry verticals (e.g., energy, telecommunications). Additionally, it provides AI and Machine Learning tools that streamline the development of their own Smart Apps, eliminating the need for advanced skills.

[Neta Open Suite](#) is the composable platform for Smart Energy & Utilities. Its composability empowers businesses to seamlessly customize and integrate various components, allowing them to tailor Neta Open Suite to their current business requirements.

Within the Neta ecosystem, it's possible to combine Suite modules (e.g., billing, ERP, payments) and integrate platforms from other market-leading vendors (e.g., Salesforce, SAP) via APIs, fostering a dynamic ecosystem of solutions.

Composability fosters innovation and ensures long-term sustainability, even from an economic perspective, in a continuously evolving technological and business landscape.



06

Key Takeaways



Key Takeaways



Key take

Composability allows organizations to quickly implement solutions that enhance business performance and enable new business models by combining the best solutions and legacy applications to maximize value.

At a time when technology offers potentially endless untapped opportunities and markets are saddled with uncertainty and instability, it is paramount to be effective, but also extremely fast.

We will change course faster than before as needs and demands change.

1. Composability promotes reusability, flexibility and scalability

Reusability is the ability with which an object can be reused. Composability is the ability of an object to be constituted and function in different contexts. Composability gives rise to new services that leverage the concept of extensibility, interoperability, openness, ease of maintenance, scalability and usability.

Our cloud-based and API-enabled data management platforms, such as Digital Enabler™, can be a perfect starting point for composing your flexible infrastructure.

2. Composability fosters a culture of innovation

It becomes an important concept for the organizations to develop its own strategy based on modularity and hybrid architectures.

Composing applications and services from different providers can produce results that respond to very specific business needs in a short time.

Therefore, organizations can combine capabilities in original ways and develop innovative products and services.



aways

3. Composability enables more sustainable business models

Composability is a system design principle that provides the right tools for specific requirements at specific times and in a specific cycle, a regenerative cycle. This enhances capabilities to ensure continuous improvement and drive transformation to a sustainable enterprise. The key is not to reinvent the infrastructure, but to rethink it: use the best-fit approach and reuse the modular components to become more agile through a composable architecture.

4. Composability is a creative power

Whether it's digital infrastructure in healthcare, cities, media or other industries, the way we build components today will grow meaningful experiences in so many forms

of creativity. We live in very interesting and tumultuous times where challenges and opportunities seem to go hand in hand. A new era is dawning and we will need all our experience and creativity to thrive in it.

5. Composability can be the key

Composability can be the key to connecting what has already been accomplished with the adoption of new business models and revenue streams. Technology is a tool that can be elevated to induce our full potential by improving the way we live, the way we produce and the way we drive economic and social development.

How can we manage the pace of change and combine traditional and advanced technologies to proactively adapt and rethink?

Techquilibrium allows you to bring together the "old" of traditional systems with the "new" of modern digitisation, while Composability unlocks the value of this mix.

Composability can build on this and unleash potential driven by technology and fuelled by creativity.

As the challenges and opportunities are mounting day by day, our 'toolbox' of skills and experience is also constantly evolving. We have outlined how a new way of building solutions can enable more sustainable development as digital transformation continues to accelerate.

Now is the time to compose the future we imagine. Together.

@ www.eng.it

in Engineering Ingegneria Informatica Spa

 @LifeAtEngineering

 @EngineeringSpa

