

Welcome to

Your LaB

Luxembourg



Imagine

Prototype

Create

Test & Improve

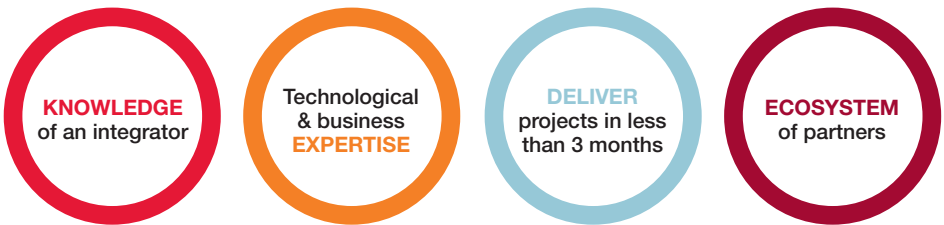
INNOVATION
FOR BUSINESS

Our engagement

Augmented reality, virtual reality, IoT, artificial intelligence, new role of the CIO... so many topics at the heart of Your LaB Luxembourg. Our ambition: to innovate together to address your business challenges.

The added value of CGIs Your LaB Luxembourg

This space of co-creation will allow you visualize and imagine new innovative solutions for your business while building and testing them live!



Your LaB: An integrated approach in your innovation process



Augmented Intelligence



Augmented intelligence refers to the increase of human abilities with the assistance of Artificial Intelligence (AI). The ultimate goal is to extend the capacity and efficiency of people.



“Hi, my name is Lia. I allow us to experiment and popularize all-new cognitive technologies: natural language processing, speech synthesis, speech recognition, facial recognition, semantic analysis, or those related to learning.”



Some use cases

1 Veloh' Prediction

Predictive application

Decision support tool for the city of Luxembourg which provides a portal for monitoring bikes and locating available places, thanks to APIs and Machine Learning.

2 Chatbot

Think Omni Channel

Making appointments, chat-banking, loan simulator; the first level of interaction for a concentration of teams towards missions with high added value.

3 Vocal assistant

Consumer-centric tool

Offer our customers the right service, in the right place and at the right time.

4 CGI Smart Case

Customer relationship support

Prioritization of client requests through semantic and sentimental analysis, related to the AI.

Alternative Reality (XR)



Realize and facilitate access to sometimes inaccessible or unthinkable experiences in the real world. The user is immersed into an enriched virtual or real environment, in which he/she can live alternative experiences and consume services, and information.

Virtual Reality (VR)

1 Your LaB

Simulate and prototype at low-cost

An innovative technique to expose your services and products while creating simulations and prototypes beyond the limits of your business.

2 Car

Virtualized and dynamic configuration of a vehicle before purchase

Visualize an original experience of product customization, which cannot be envisaged in the real world. Another vision on decision support.



Augmented Reality (AR)

3 CGI Hidden Cities

Add value to reality
Innovative mixed reality platform for mapping, documenting and modifying underground infrastructure through digital.

4 CGI MaEVA

Resolve your operational problems quickly
Maintenance Solution and Assisted Video Expertise that contributes to cost reduction, collaboration and operational efficiency.

5 Augmented employee

Provide an optimal working environment
Improve the lives of your employees while adding value to their business through innovative work processes.

Financial Services



We have a deep understanding of the corporate and transaction banking market, including the trends, technologies and customer expectations driving its evolution. For more than 40 years, we have been working with corporate and transaction banking clients worldwide to deliver innovation, service excellence and results.



Some use cases

1 CGI Open Finance

Power and extend the new banking ecosystem

It is a holistic solution for open banking, enabling the integration of traditional banks and their product-centric applications with FinTechs through an API and orchestration layer.

2 CGI HotScan

Reduce risk and stay ahead of the regulatory curve

An all-in-one risk management platform delivering fraud detection, transactions screening and customer due to diligence capabilities.

3 CGI FUEL CARDS

Continuous Delivery platform based on DevOps principles

A daily deployed microservice based on external data and exposing fuel consumption of a user.

Continuous innovation within IT department



The main challenge is the evolution of the role of CIO and IT teams so that they go hand in hand with the digitization of companies.



Some use cases

1 Become a Business Partner to support innovation

New role of the CIO

Quickly identify new business opportunities and adapt its IT organization to support the digitization of the business.

2 Emerging Technologies

Create a competitive advantage in your company

Understand emerging technologies and new concepts in response to business issues.

3 Cloud Ready

Transform existing applications

It is an approach to building and running applications that fully exploits the advantages of the cloud computing delivery model. Applying cloud-native approaches and tools to high-value applications in the current portfolio :

DevOps, Application Portfolio Management, Micro-Services, API Management.

Our services



Augmented Intelligence

- Virtual agents: chatbots, virtual assistants
- Machine learning: automatic data analysis, classification algorithms, regression; fraud detection, forecasting
- Deep learning - Cognitive: classification of images, recognition of forms / sounds / feelings, language analysis
- Big Data



Alternative reality

- Augmented reality: IoT, virtual visit
- Virtual reality: training, serious games, prototyping, simulations...
- Analysis of user movement (marketing, optimization of services, tests of concept ...)
- Real-time interactions



Financial Services

- API Management
- Open Banking solution



Continuous innovation within IT department

- DevOps: Agile at scale, Cloud ready architecture
- IT Governance
- Application Portfolio Management
- Mapping and urbanization of the IS
- Intelligent Automation





La force de l'engagement^{MD}



Visit Your LaB Luxembourg

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Your LaB

The CGI LaB in Luxembourg is a new space of co-creation with you, our clients, which is used like a tool of innovation and creativity.

Contacts



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ABOUT CGI IN LUXEMBOURG

Partner in innovative solutions, inspiring employer

Founded in 1976, CGI is one of the world's largest IT and business process services providers, helping clients transform into digital enterprises end to end. In Luxembourg, CGI has provided services for over 20 years in several sectors, particularly with European institutions and the public sector, but also banks, insurance companies, and manufacturing industries. With over 200 members in Luxembourg, CGI offers comprehensive and innovative services and solutions to the clients, with teams combining technical expertise and excellence in service delivery, all the while supported by the reliability and durability of a worldwide organization. www.cgi.com/fr/luxembourg