





Arquitecto Principal de Soluciones













www.gidcomp.org







INDUSTRIAL METAVERSE





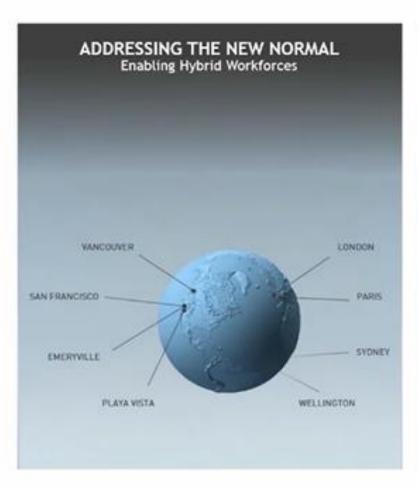


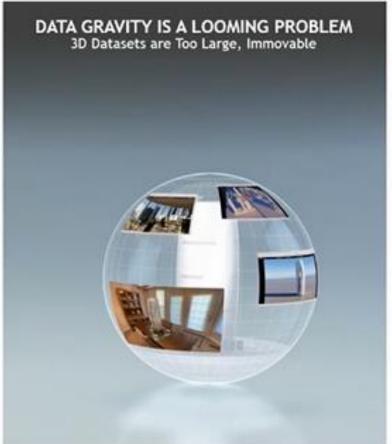






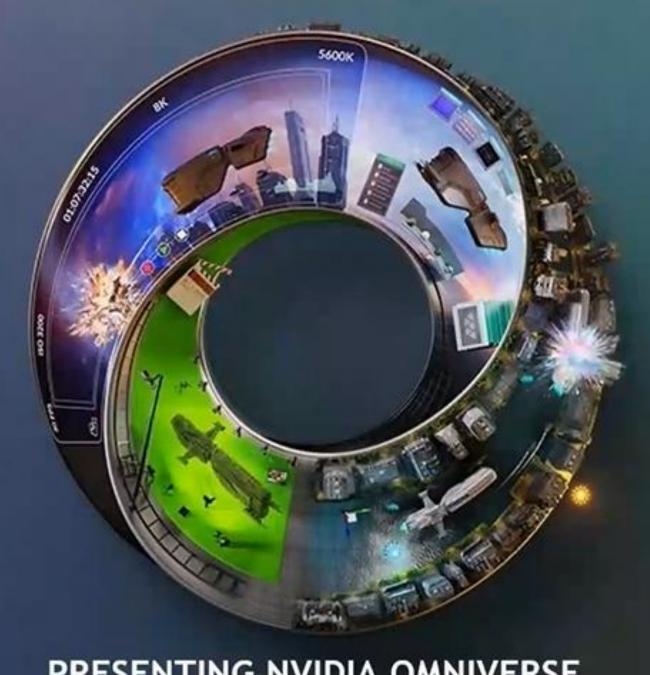
NEW CHALLENGES ON THE HORIZON







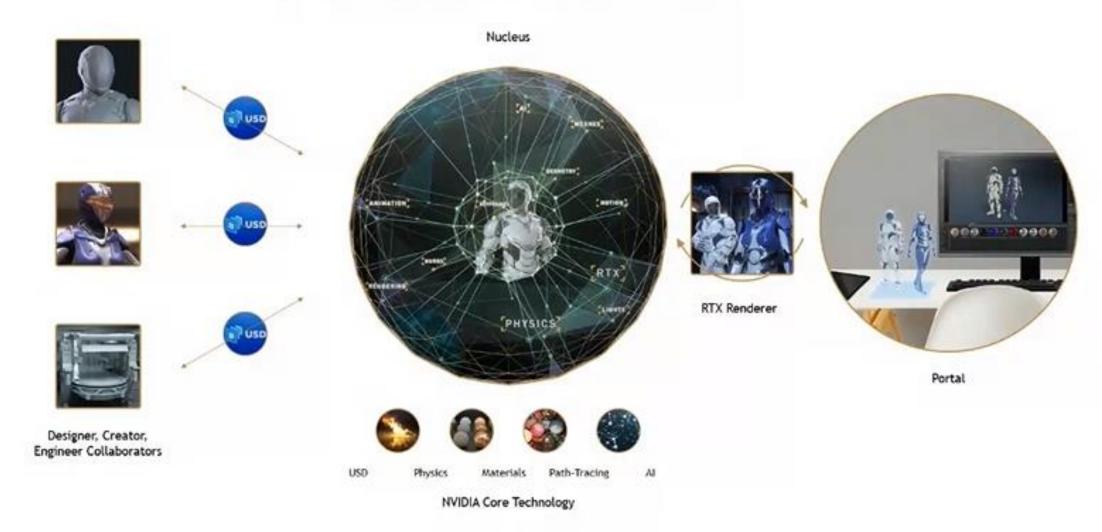




PRESENTING NVIDIA OMNIVERSE

NVIDIA OMNIVERSE ENTERPRISE

Platform for Creating and Connecting Virtual Worlds

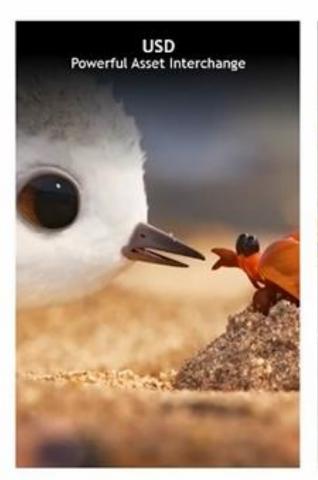


THE BIG BANG OF OMNIVERSE

Confluence of Enabling Technologies









REVOLUTIONIZE YOUR 3D PRODUCTION PIPELINES









REDUCE COSTS & WASTE

INCREASE VALUE EXISTING
INFRASTRUCTURE

MAXIMIZE CREATIVITY & PRODUCTIVITY

PRODUCTION



ADVANCED TOOLS AND TECHNOLOGIES

Foundational Platform Components

NUCLEUS



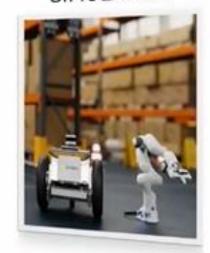
CONNECT



KIT



SIMULATION

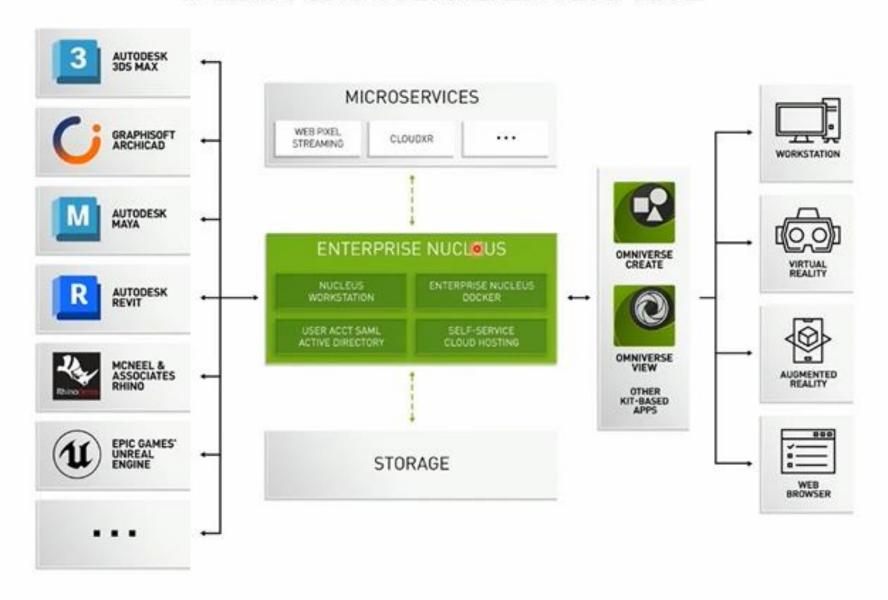


RTX RENDERER





NVIDIA OMNIVERSE ENTERPRISE







UNIVERSAL SCENE DESCRIPTION

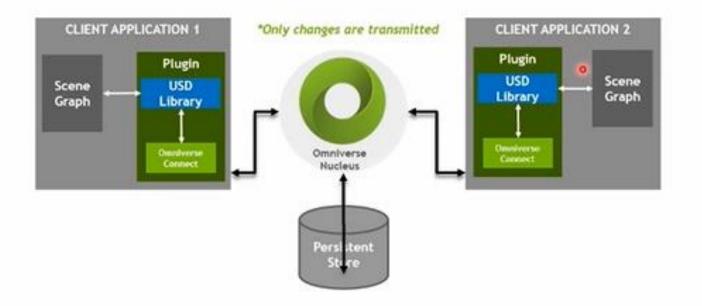
The "HTML" of 3D Virtual Worlds

- Developed by Pixar
- Foundation for NVIDIA Omniverse
- Open-sourced API and file framework for complex scene graphs
- Easily extensible, simplifies interchange of assets between industry software
- Introduces novel concept of layering
- Enables simultaneous collaboration for large teams in different department working on the same scene
- Originated in M&E, now becoming a standard across industries including AEC, Manufacturing, Product Design, Robotics

OMNIVERSE NUCLEUS

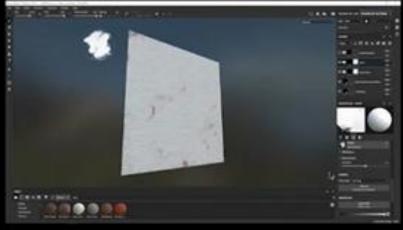
Asset Database and Collaboration Engine

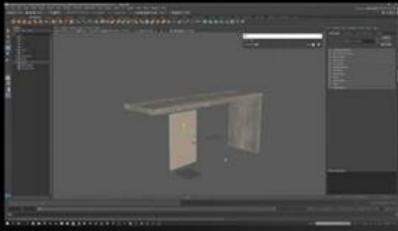
- Allows multiple software tools to talk to each other as well as live sync workflow
- Universal asset exchange can house assets of any filetype
- Enables collaboration on large, ultra-complex scenes and passes only the change deltas
- Because only deltas are exchanged, extremely fast creation/replication is enabled
- No more hour-long or overnight uploading/downloading of entire scene files everything is real-time and live
- Enables a single source of truth and eliminates messy, redundant file copies

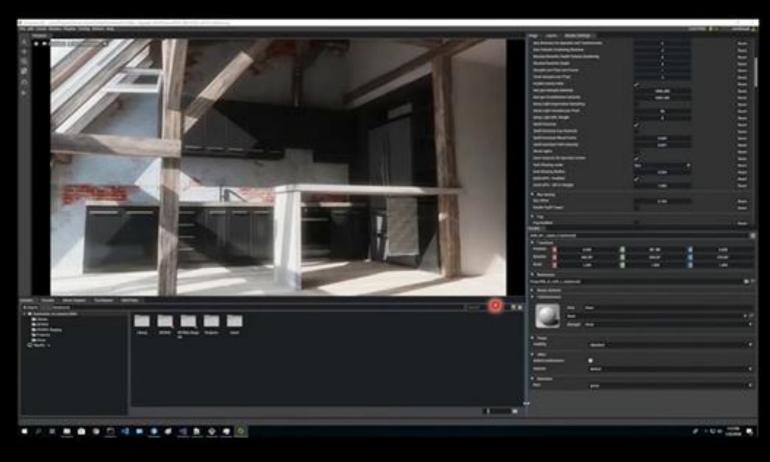




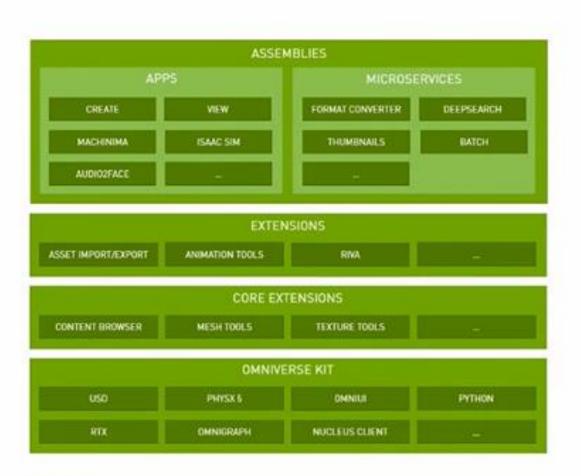








TEAM COLLABORATION



OMNIVERSE KIT

A Powerful SDK to Build the Tools of the Future

- Extremely modular platform of extensions
- Extensions are the building blocks of Omniverse Apps
- Flexible, customizable, easily extensible
- Includes Kit Extensions System, Omni.UI Graph API, Omni.UI Models and View Widgets

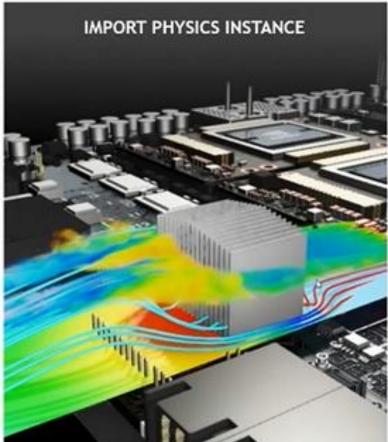


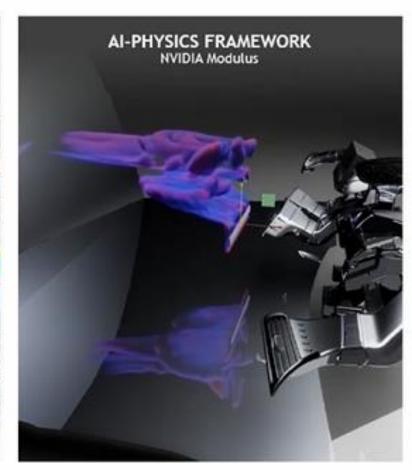


PHYSICS IN OMNIVERSE

Multiple Ways to Visualize and Simulate Physics in Omniverse









PHYSICS SIMULATION IN OMNIVERSE

Advanced Libraries Providing Foundations for Accurate Virtual Worlds



PhysX 5 Rigid, Soft Body, and Vehicle Dynamics



PhysX Blast Fracture & Destruction



PhysX Flow Combustible Fluids, Smoke, Fire



OMNIVERSE RTX RENDERER

Advanced, Multi-GPU, Multi-Node Renderer for World Simulations



Scalable, Multi-GPU, Multi-Node Infinitely scalable ray tracing to handle more geometry, thousands of dynamic lights with no baking.



Real time, Photoreal, Physically Accurate Leading the convergence of real time and offline renderers.



Based on Open Standards
USD-enabled, flexible MDL, MDL-based
procedural dome lights



CORE OMNIVERSE ENTERPRISE APPS

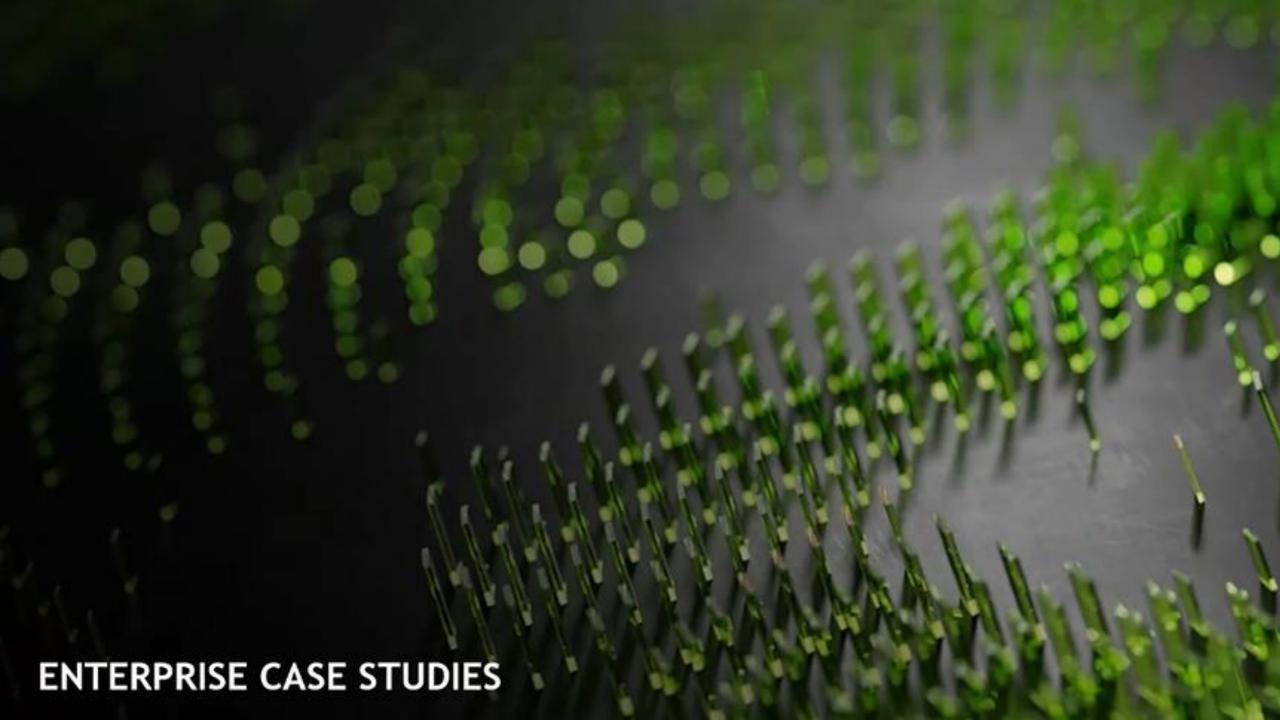
Multi-GPU Enabled for Assembling, Viewing Full-Fidelity Scenes



- OMNIVERSE VIEW
 Immersive, True-to-reality Visualization For Reviews & Approvals
- Simplify full-fidelity world building with intuitive layout tools and physics
- Breathtaking photorealism with physically-accurate materials, and real time ray and path traced rendering
- · Advanced simulation with NVIDIA PhysX 5, Flow, and Blast integration

- Simple to use tools for project reviews including camera waypoints, annotations, measure, and markup
- Make minor environment or material iterations to present multiple options
- Quick toggling between real-time ray traced and ultra-high-fidelity path-traced for interactive visualization





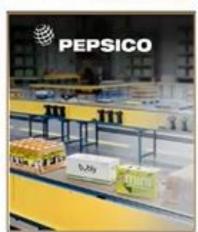
OMNIVERSE IS EVERYWHERE

Enabling 3D Design Collaboration and Industrial Digital Twins Across Industries

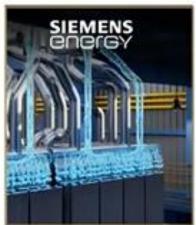






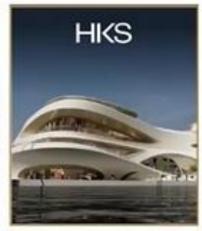
















EARLY ADAPTOR USE CASES

AECO and ME















TRANSFORMING VFX WORKFLOWS

Industrial Light & Magic

"NVIDIA continues to advance state-of-the-art graphics hardware, and NVIDIA Omniverse showcases what is possible with real-time ray tracing. The potential to improve the creative process through all stages of VFX and animation pipelines will be transformative."

- Francois Chardavoine, VP of Technology



INVENTING THE FUTURE OF ADVERTISING

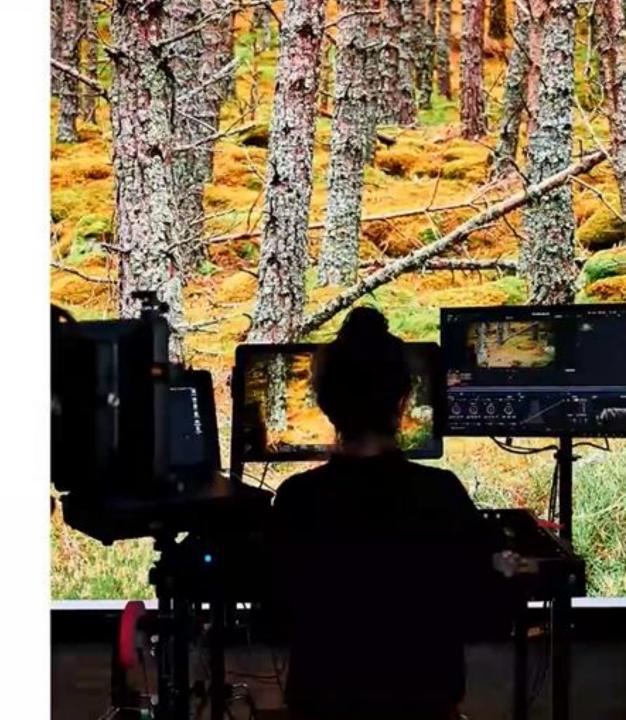
WPP

WPP, the world's largest marketing services organization, is using the NVIDIA Omniverse™ platform to reinvent the way advertising content is made by replacing traditional on-location production methods with entirely virtual production.

When COVID-19 restrictions were put in place, the team faced limitations shooting commercials for clients on location.

WPP used NVIDIA Omniverse to collaboratively design, build, and simulate a photorealistic virtual forest without having to shoot it in person.



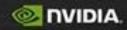




VOLVO

Volvo Cars is testing Omniverse in its research and development workflows. "We immediately saw the opportunity for real-time collaboration for our design workflow using Omniverse. It's something we have been striving for throughout our efforts to optimize our design and development process."

- Mattias Wikenmalm | Senior Visualization Expert | Volvo Cars



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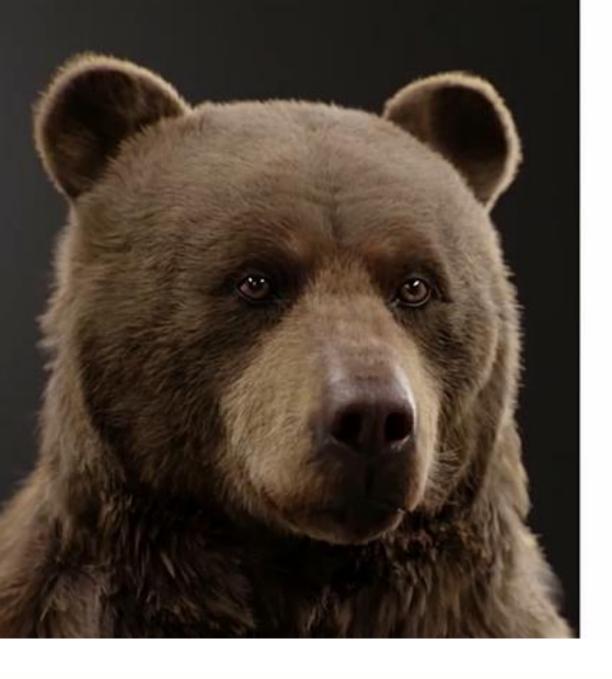
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* Pillers * Seinfe

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ENERGIZING CREATIVITY WITH REMOTE COLLABORATION

DNEG

"To create Academy Award-winning work, DNEG has always thrived on collaboration and the creative energy it provides. With nine facilities worldwide, we were at the forefront of virtualized production," said Roy C. Anthony, global head of Research at DNEG. "We're excited to work together with NVIDIA to reinvent how our artists and supervisors collaborate globally in real- time with NVIDIA Omniverse."

DNEG



DNEG CASE STUDY

Character Design Workflows - Before & After Omniverse Enterprise



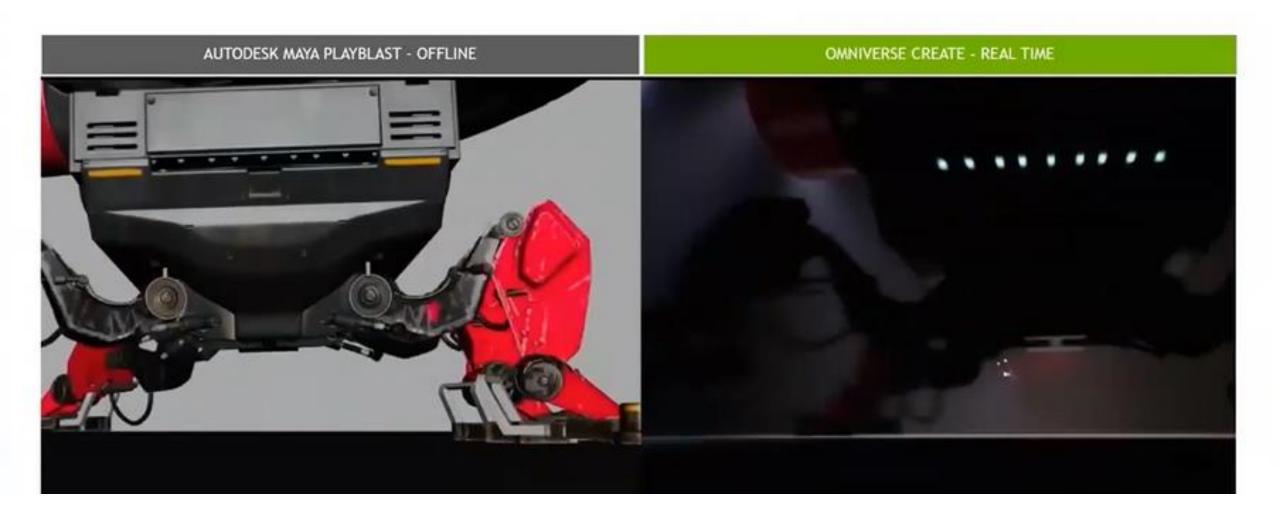


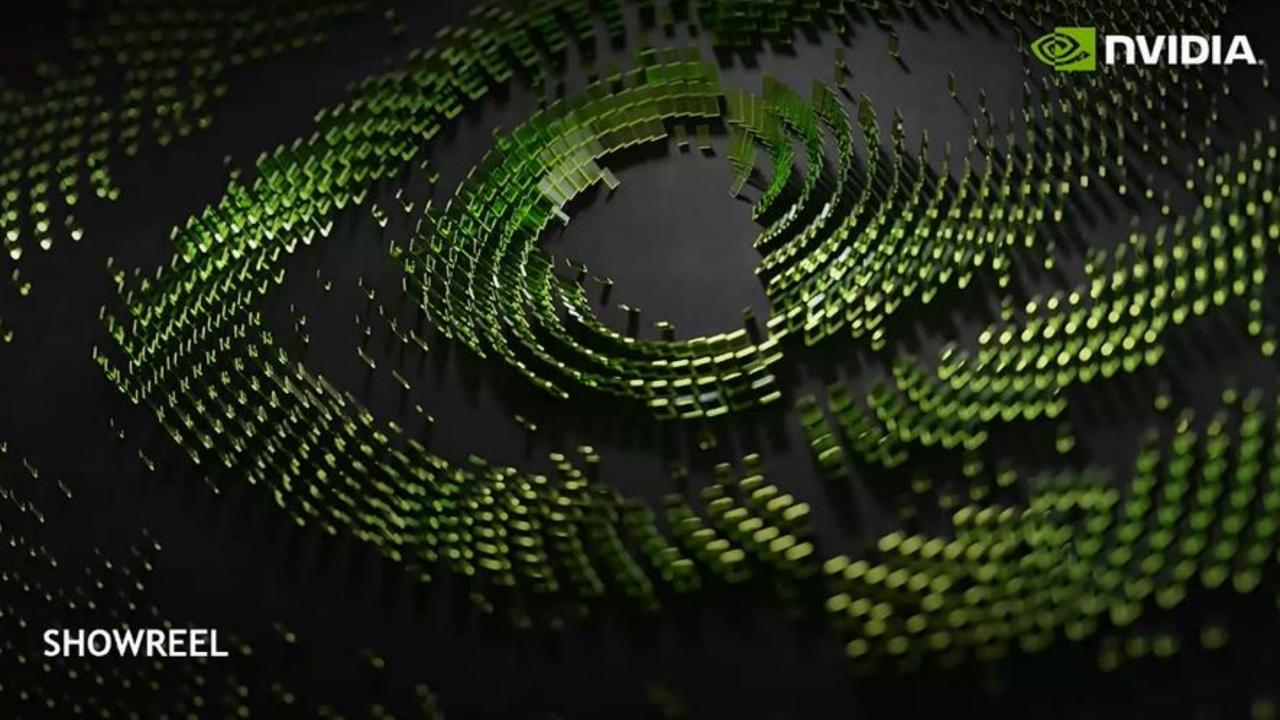




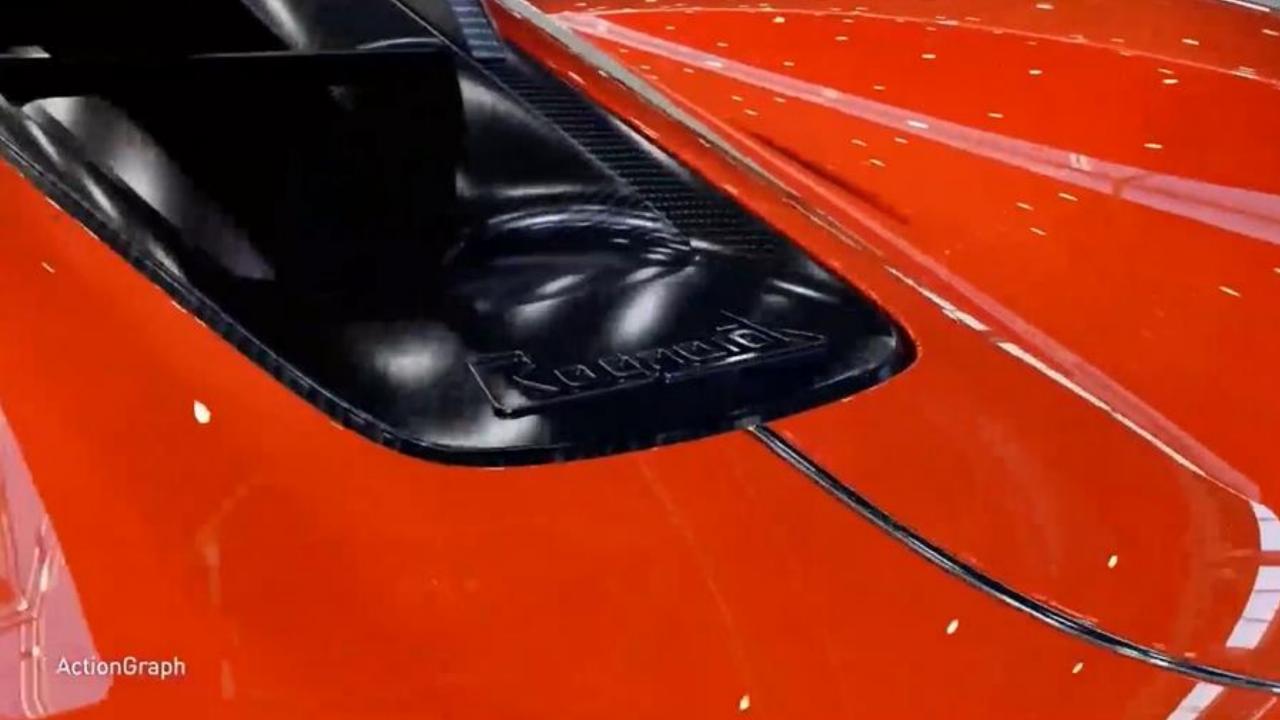
DNEG CASE STUDY

Pre-Visualization Before Omniverse Enterprise, and After





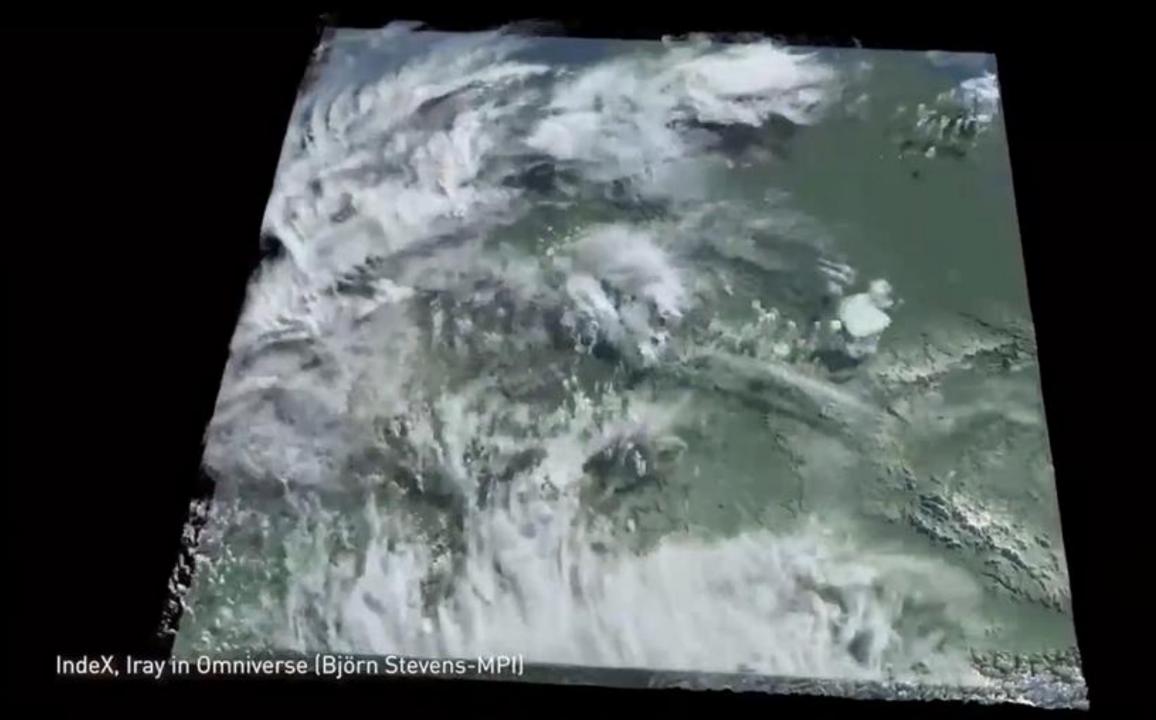








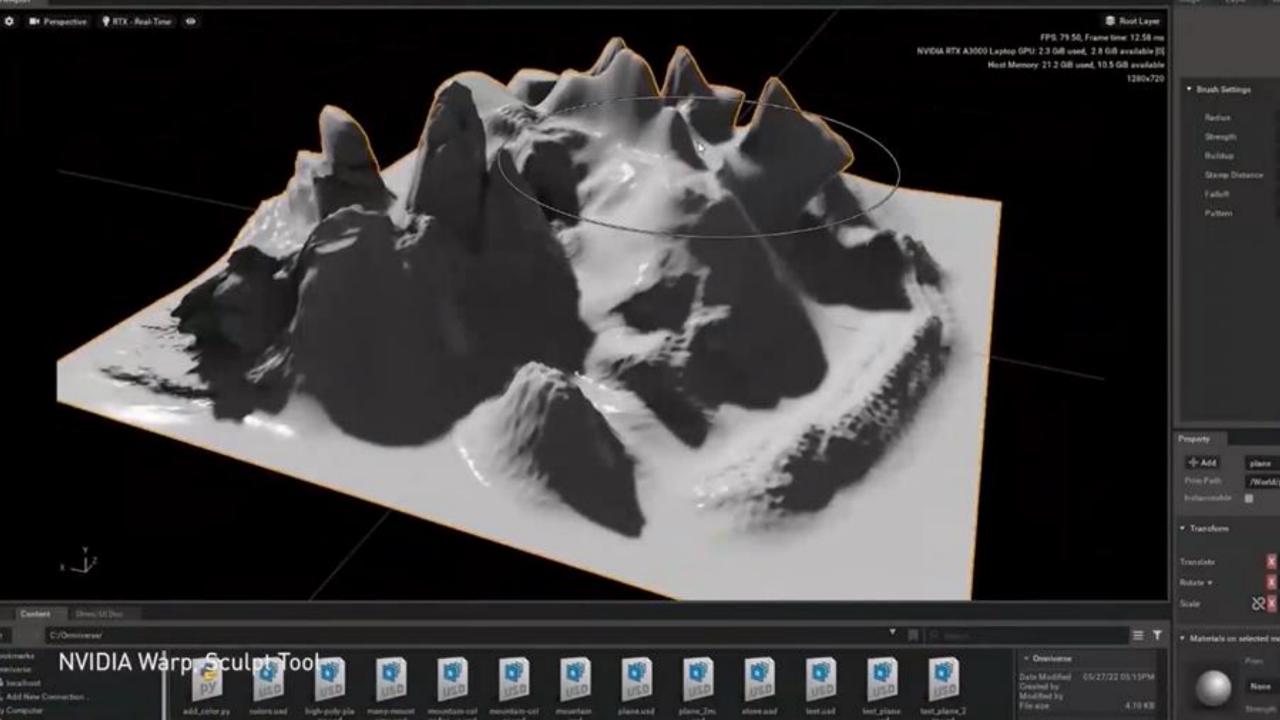


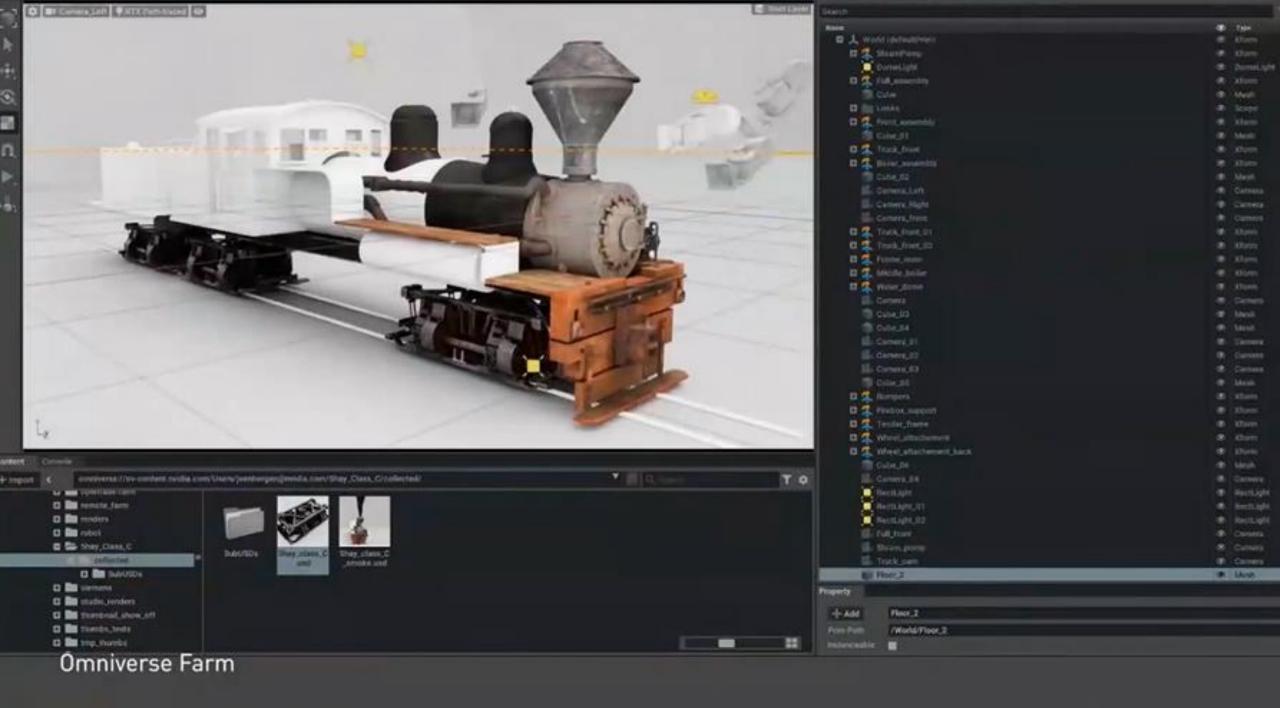




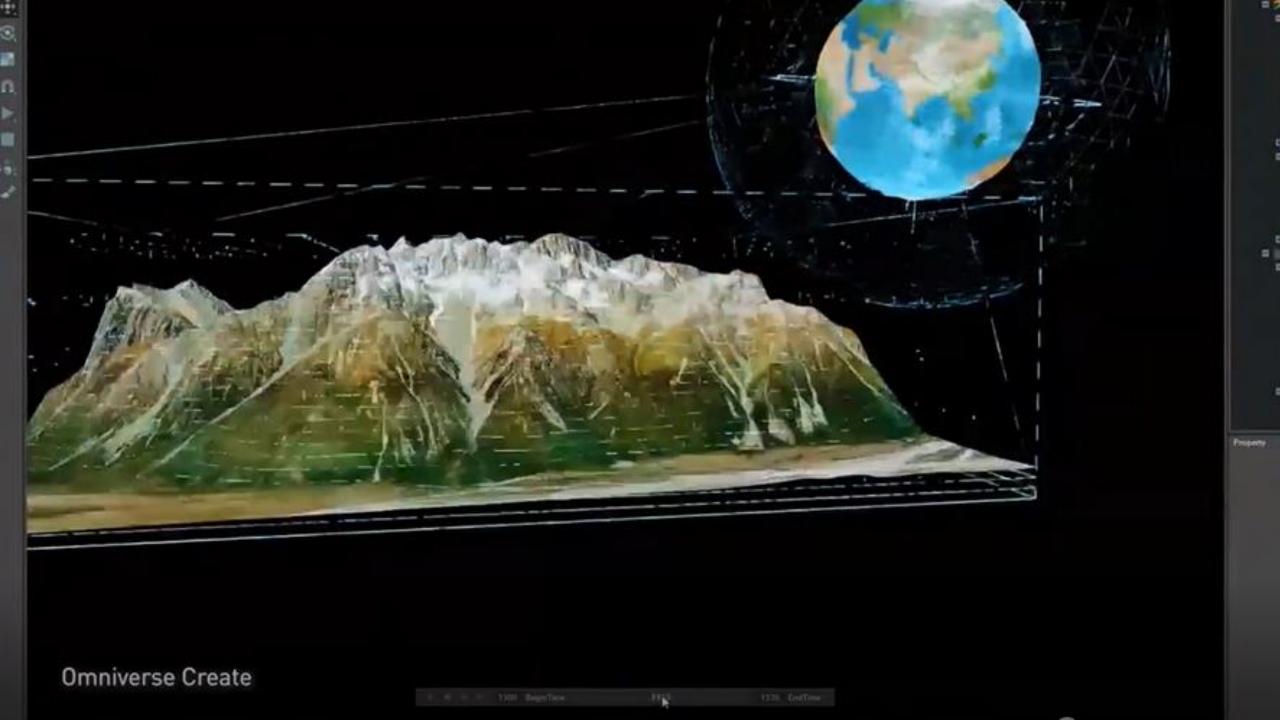


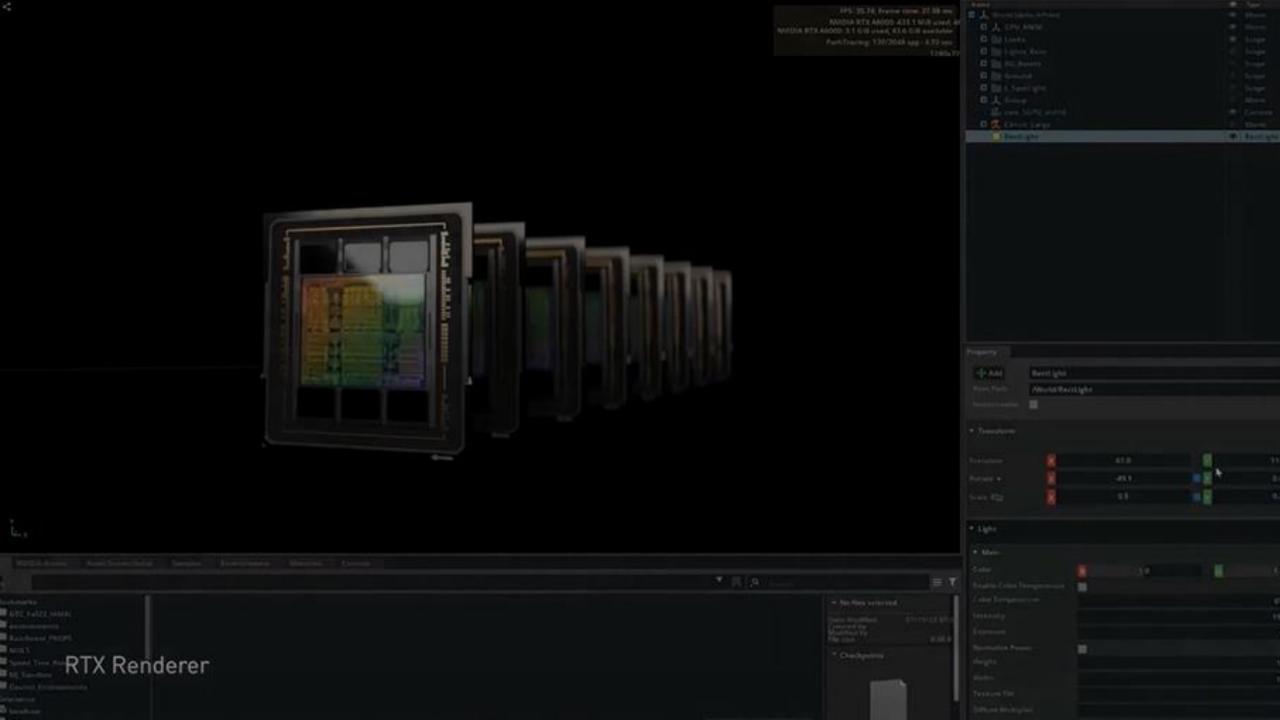


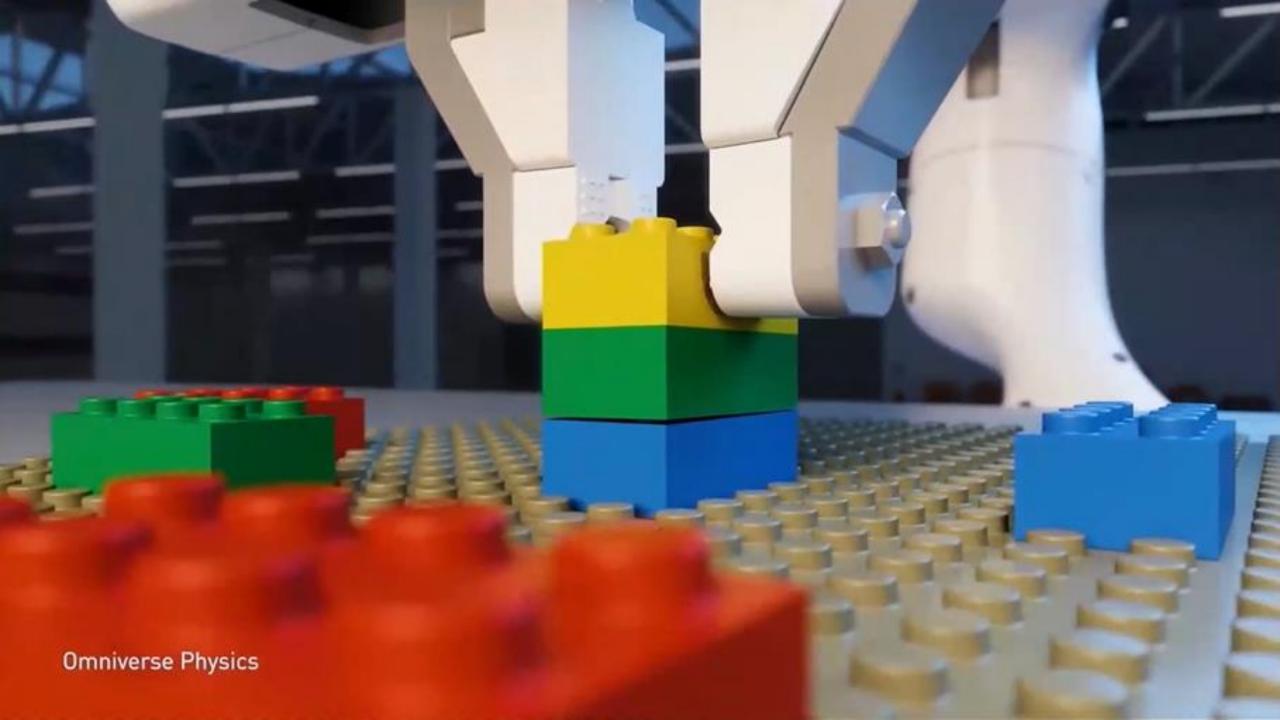




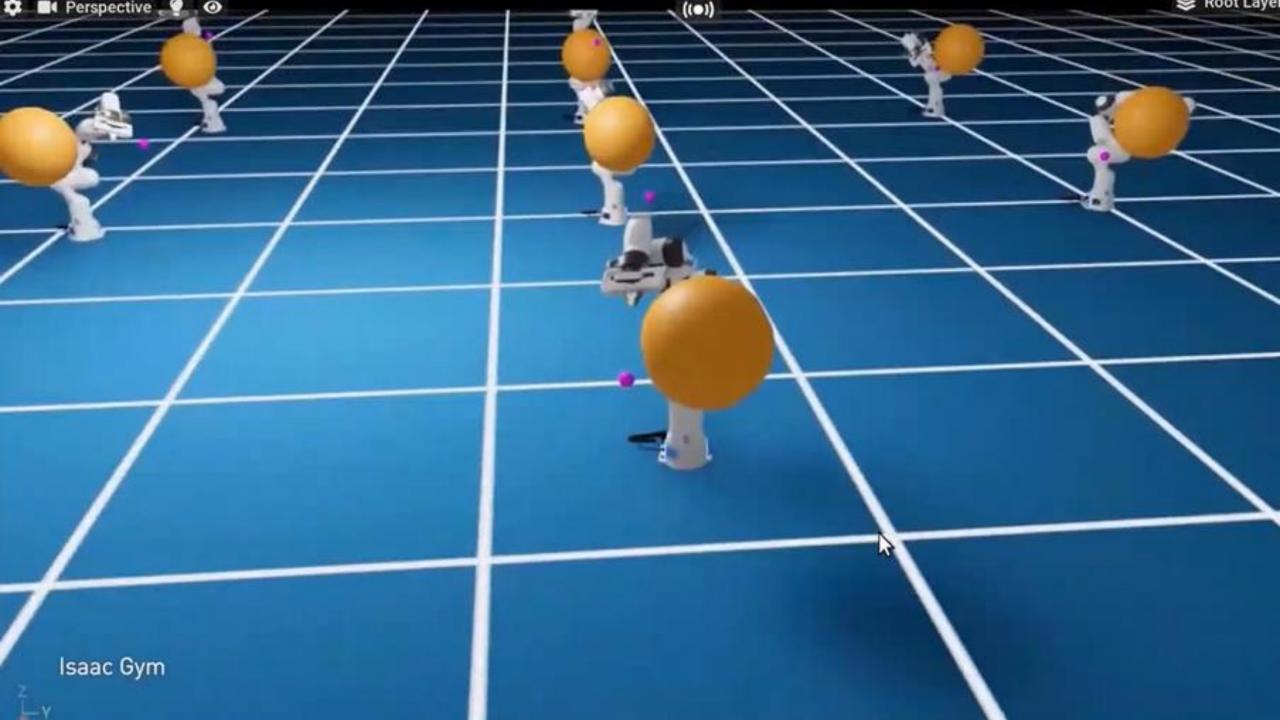


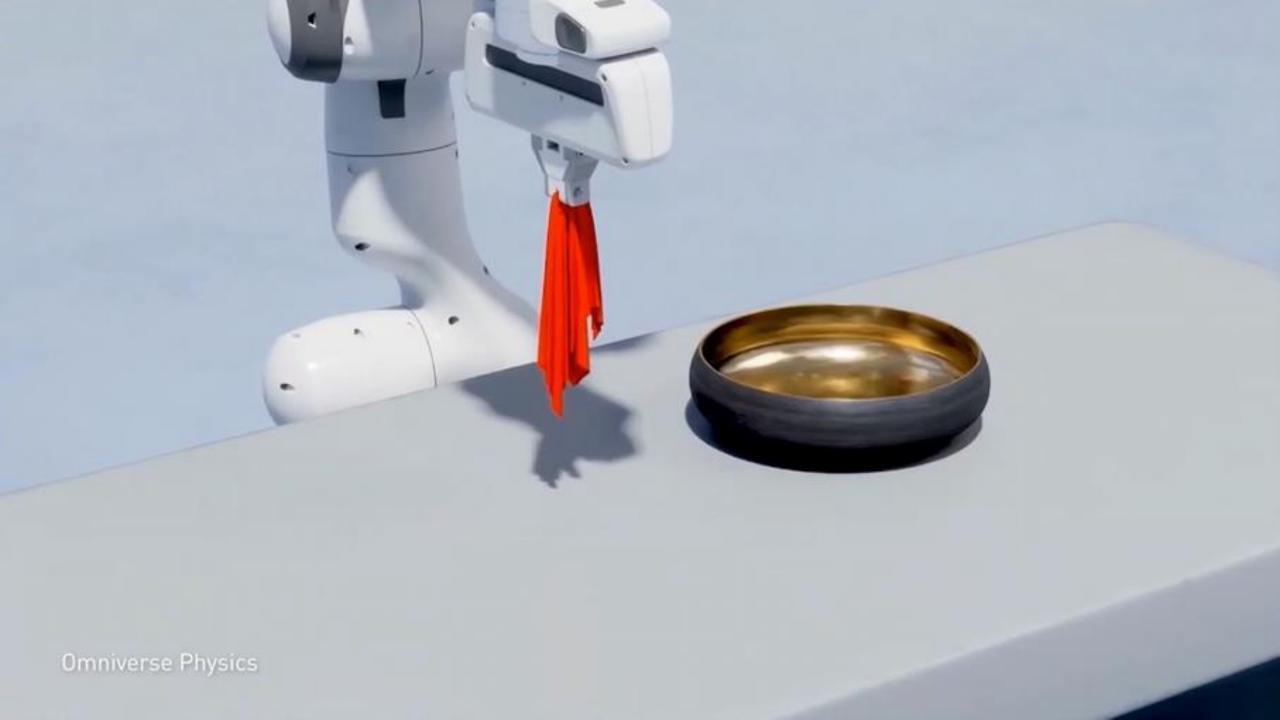














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Content

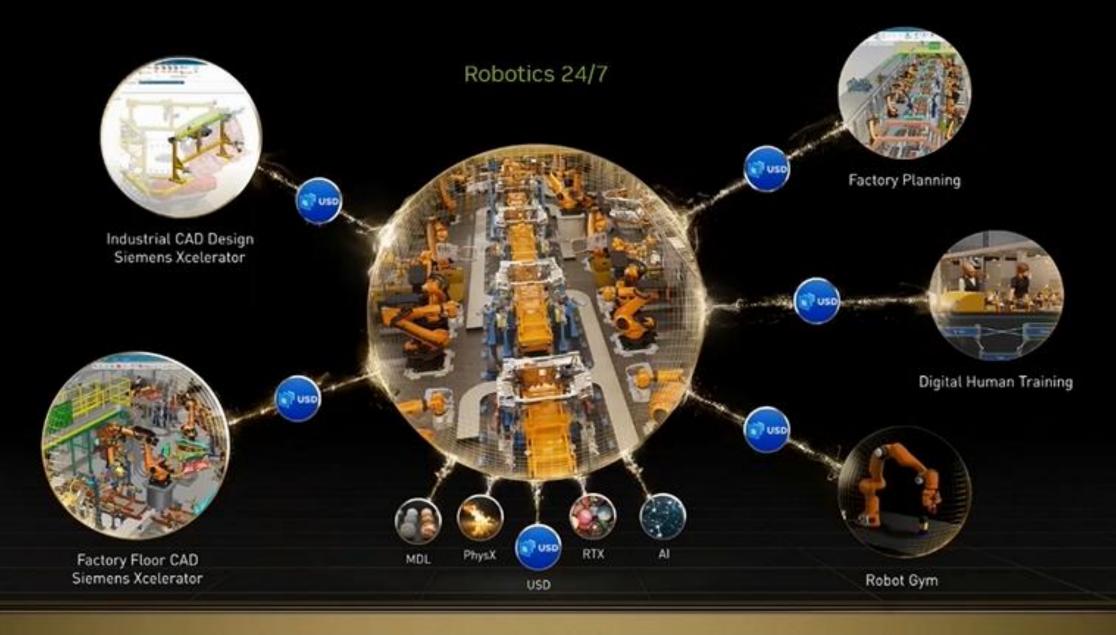
Isaac Gym, DeXtreme









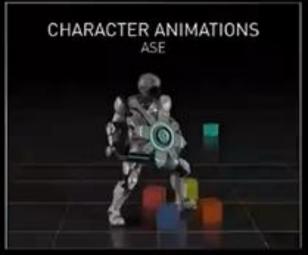


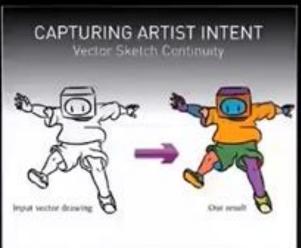
Enterprise Al









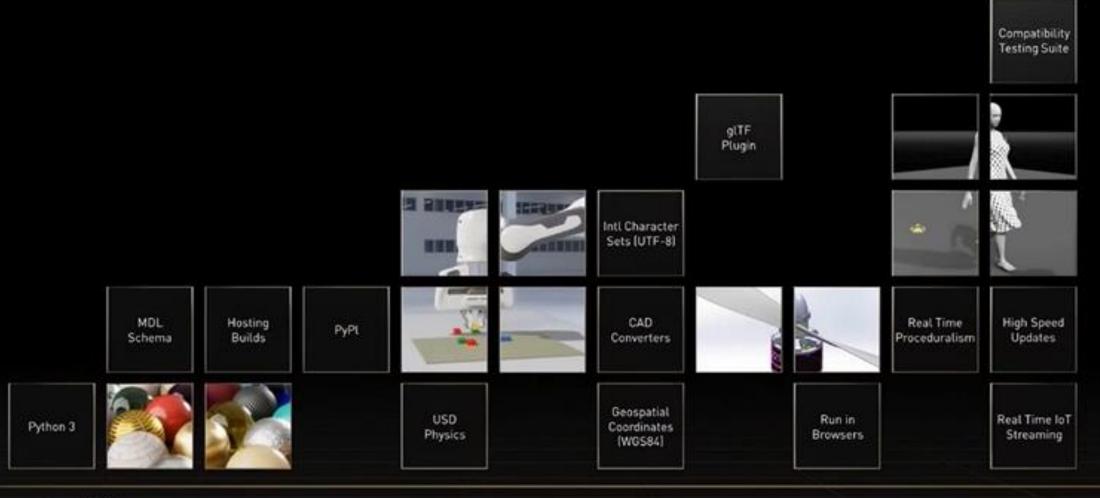








AWN



2020

"NVIDIA Pushes the Envelope for Virtual Worlds and Digital Humans"

SiliconANGLE





ABOUT GLOBAL INSTITUTE FOR DIGITAL COMPETITIVENESS

INSTITUTO DE INVESTIGACIÓN TECNOLÓGICA DE ALTO IMPACTO



One goal, Create value through technology.

Through 5 different specific strategies:

- Spread and promote the use of technologies to increase the efficiency of organizations regardless of their geographic location.
- 2 Connect the organizations and exercutives to create more value, sell more in an omnichannel and geopolitically fragmented world.
- Work together with authorities and institutions to remove barriers to technologies and trade.
- **Bringing experts, knowledge and cases** to communities or regions with little access to technological knowledge and digitalization to make opportunities inclusive.
- **Establish Committees by type of technology** to share uses, applications, as well as groups that want to interact, collaborate and test new applications in the practical field.



Accompanied by international senior leaders who manage committees

4th committee 1st committee Metaverses, Immersive Data Science & Big data, HR **Smart Cities, Sustainability& Blockchain and NFT. Digital** Technologies (AR, 3D, MR, VR), & Well-being Technologies, 4.0 Industry, Public Policy, E-**Economy, and Artificial Omnichannel Experiences & Digital Education Technology** government & Cybersecurity Intelligence. Commerce Governments, Int. Organisms CTOs, CDOs, ClOs CEOs, CMOs. CSOs. CRHOs, COOs, CHOs. **Technology applications** Macro

Affiliates will live an international Digital experience

Meetings will be held every 15 days as follows: E.g., Metaverse Committee

Channel	Time	Attendees	City	Face-to-face host
Metaverse	1.5 hours	10		
Face-to-face	30 min	4	CDMX	Sura
		2	Bogota	Coats
		4	Madrid	Let me Park

2nd committee

ANNUAL OBJECTIVES OF THE COMMITTEES:

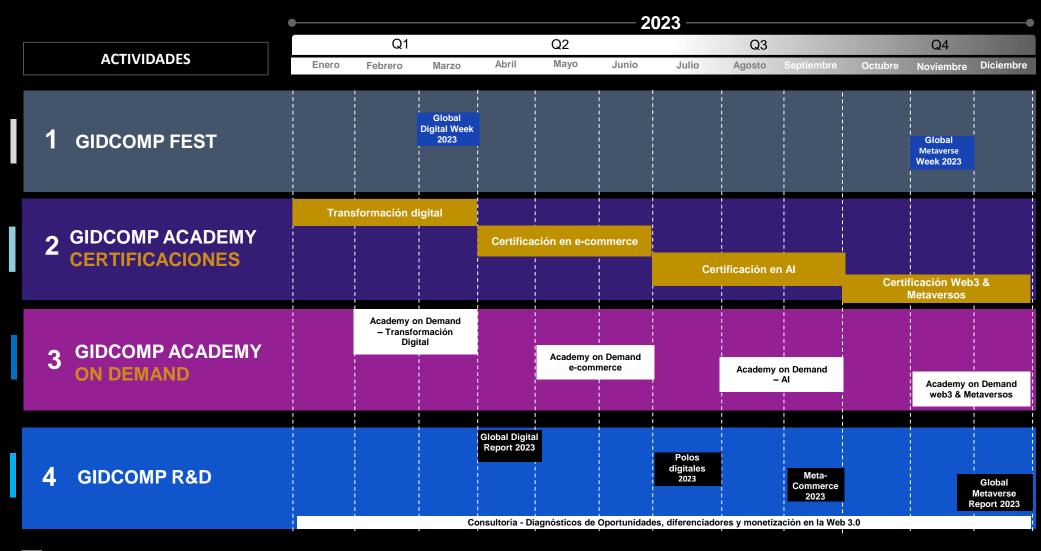
- Publish trends by technology.
- Collaborations with the media.
- Working papers.
- Video Cases and documentaries.
- International networking.
- Coordination of Roadshows.
- Recognition of executives
- **Exposure of the brands that collaborate in the** integration of knowledge.





3rd committee

Calendario GIDCOMP 2023



Actividades de responsabilidad social de acceso al público, vía streaming y plataformas tecnológicas con marcas co-organizadoras.



GIDCOMP with its purpose of contributing to reduce the global digital divide holds several international festivals inviting Senior leaders to share and inspire people to create value and generate experiences in Web 3.0 with new technologies.

1 GIDCOMP Festivals



GLOBAL DIGITAL WEEK2023

+ 100 experts

Check international experts

Day 1. Smart Cities

Day 2. Public policies

Day 3. Digital Commerce

Day 4. Disruptive Business

Day 5. Wellness Technologies

From March 27 th to March 31st, 2023

GLOBAL METAVERSE WEEK 2023

+ 100 experts

Check international experts

Day 1. Immersive technologies

Day 2. Omnichannel

Day 3. NFTs and Blockchain

Day 4. 3D and Web 3.0

Day 5. Immersive experiences

From November 11th to November 15th 2023





2 Digital Knowledge Bank

www.gidcomp.online

+200 Replays:

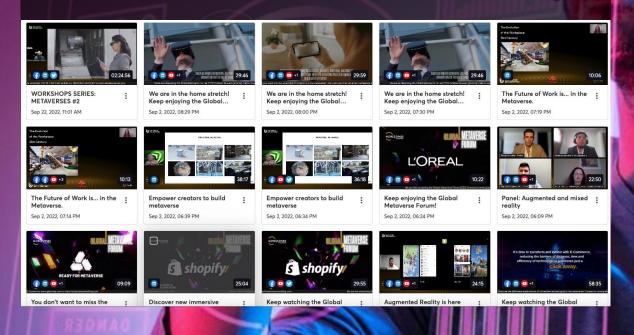
Keep your brand leaders up to date on technology trends. Global Digital Week 2022-2023 Replays Global Metaverse Week Replays 2022-2023

Marketplace for technology providers.

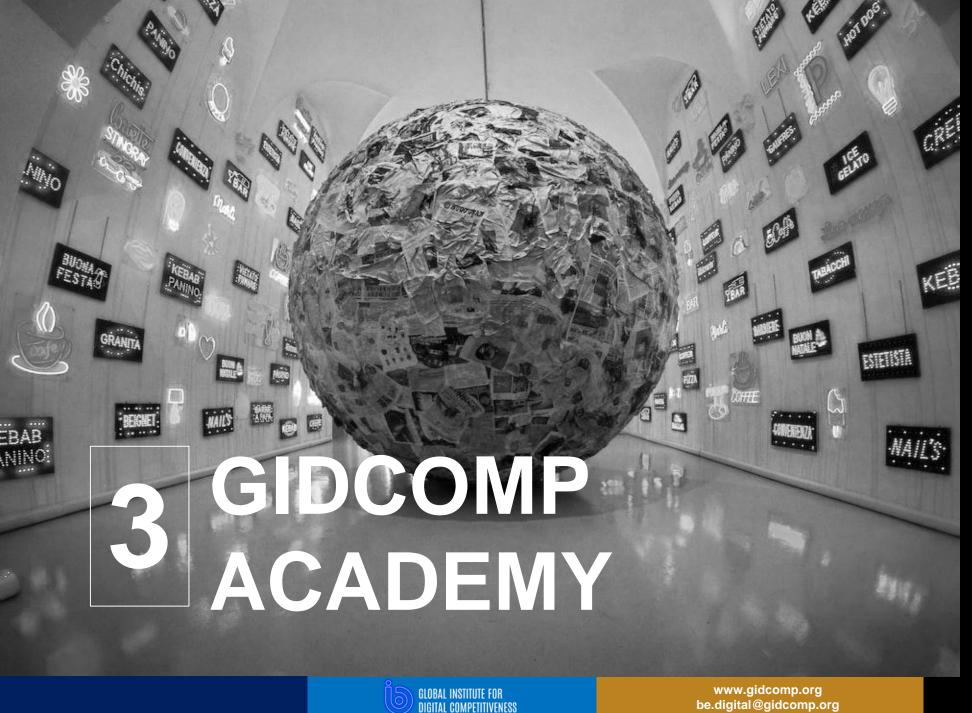
Don't miss the opportunity to be in touch with the leaders of large companies and organizations, get in touch with the leading brands!

The committees via their member brands will continuously broadcast the advances and trends in order to continue showing new applications to the audience and at the same time will be strengthening the digital knowledge bank for affiliates, which currently has more than 200 conferences, Mini MBA on demand, master classes, MOOCs, with more than 200 uninterrupted hours of content.

FUTURISTIC HUD







The Academy Division seeks to bring international practice experts together to share their pragmatic and tactical execution insights with leading global companies.

The main mission is for executives to develop practical skills in order to increase the efficiency and sales of brands.

CERTIFICATION IN IA APPLIED TO MARKETING AND BUSINESS

Certification in AI for marketing and sales aims to help decision makers maximize results, optimize budgets, predict customer behavior, study, define and segment users, predict audiences and improve operational efficiency.

Certification options

A.Certification via applied project.

Mentors who are leaders in the subject matter of the project

B. Immersive certification in Dubai.

Includes visits to companies in the city, developing a proposal applied to your company.

NEXT START DATES

Summer 2023

Start: July 1st

Admissions closing

MAY 15TH

Contactar aquí

"Boost your career in Marketing and Sales with our Al certification and learn from global brands."

16 COURSES TO BECOME AN EXPERT

12 COURSES CORE

4 COURSES ELECTIVE

TECHNOLOGY

- Data analysis with Al
- Product strategy
- Research with Al
- Personalization with Al
- Journey optimization
- Consumer behavior with AI
- Content marketing Al
- Customer service

- Digital shift
- People Analythics
- Innovation culture
- Sensory technology
- Virtual stores
- Implementation of AI projects
- Open innovation
- Search Engine Optimization (SEO)
- Powering your CRM
- Sales funnel conversions with Al
- · Lead creation with Al
- Costumer success
- Automating the sales process
- Trade marketing Al





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GIDCOMP R&D

Trend Studies, Reports and Digital Labs

Global Metaverse Report 2022

Release due November 2022

Global Digital Report 2023

Release due February 2023

Meta
Commerce 2023 Release
due June 2023

Polos digitales 2023

Release due November 2023







- 1. CONTACT WITH CONSUMERS ESTEFANÍA YAGÜEZ, HEAD DE CONSUMER INTELLIGENCE DE L'ORÉAL
- 2. MARKETING Y BRANDING FERNANDO CANO, MANAGING DIRECTOR DE HAVAS
 METAVERSE
 Needs

OMNICHANNEL TRADE

- 1. VIRTUAL STORES JONATHAN MÁSMELA, CEO OF LA COLONIA
- 2. SELLS IN THE METAVERSES- THORSTEN WALTHER, CEO OF INSPIFY

MASSIVE METAVERSES

- 1. VIRTUAL COMMUNITIES MANAGEMENT, DANIELLE MCCONNELL, CMO FROM VIRTWAY
- 2. SPECIALIZED METAVERSES SORAYA CADALSO, CEO OF UTTOPION

Needs
Hyperconne ctivity

Color dots

Scenarios to catch Market Share

Accessibility

Current Portfoilio

Problems

- Sneakers
- 2. Clothes
- 3. Accessories

Adapted portfolio (médium-term)

Opportunities

- 1. NIKELAND
- 2. Clothes with technology applicatives
- 3. Monitor accessories

Exemple: NIKE of non-exhaustive business units.

Note: Clic on the links to watch the international leaders' lectures.

ILLUSTRATIVE EXAMPLES

Market fit. Short-term

- Incorporate technology applicatives
- Prioritization in terms of sales impact

Market fit. Medium-term

- Being the first to incorporate technologies
- Prioritization in terms of sales impact

Technology adoption diagnostics





Some brands that are part of our international ecosystem







Reasons to join GIDCOMP:

- 1 To receive information on Business Intelligence and Technology trends
- **2** To leverage existing technology (leapfrog)
- 3 To generate networking / community
- 4 To have visibility of the applications in the use of technologies
- 5 To keep you informed and up to date with the latest news
- 6 To receive support or consulting
- 7 To train my team to face new market challenges.
- **8** To generate a relationship with Authorities
- Access to +200 Mentors from 52 countries and presentations of their models at the Global Digital Week & Global Metaverse Forum.









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www.gidcomp.org be.digital@gidcomp.org



How to become a member?

Send us an email to be.digital@gidcomp.org or a WhatsApp to: +52 56 1463 3902

The GIDCOMP seeks to unite and relate organizations linked to the international technological ecosystem to promote and develop digital capabilities in any location in the world.

The membership begins with the date of accreditation of payment in the bank account.

Valid 12 months from the date of payment.

Renewals begin to run from the expiration date of the current membership.



Our network of member Institutes promotes Innovation and Technology as factors that allow human and organizational progress and improve our lives. We contribute to supporting causes with our core business through Corporate Social Responsibility actions that are carried out through the Consultores sin Fronteras Foundation and the Global Institute for Digital Competitiveness www.gidcomp.org We also believe in respect for Human Rights and not We do not discriminate in any program, activity, or person on the basis of sexual preference, income, religious preference, race, color, national origin, age, gender, or disability. GIDCOMP© All Rights Reserved 2023.