Program Virtualization

We design interactive, pedagogical, and personalized digital learning experiences.

*The **Program Virtualization** service is a comprehensive solution aimed at educational institutions and companies that seek to transform their in-person programs into high-quality digital learning environments—without losing pedagogical purpose, academic structure, or institutional identity*

Our approach combines **pedagogical consulting, instructional design, interactive content development, and multimedia production**, adapting each project to the organization's goals, audience, and context.

Unlike generic solutions, we design e-learning experiences **from scratch or based on existing content**, using technologies such as SCORM, HTML5, H5P, simulators, gamification, and mobile learning. Each solution is custom-built, with aesthetics, storytelling, and functionality designed to engage students and support educators.

WHAT DOES THE SERVICE INCLUDE?

The **Program Virtualization** service consists of transforming face-to-face educational programs—such as university degrees, diploma courses, individual subjects, or internal training tracks—into complete, structured, and engaging e-learning experiences ready to be implemented on a virtual campus.

This process begins with an **initial pedagogical consultation**, where we analyze the program's objectives, learner profile, institutional context, and available resources. Based on this, we design a personalized virtualization strategy that covers everything from **curriculum review** (macro, meso, and micro levels) to the instructional, graphic, and technological development of each course.

*Content is transformed into interactive digital resources using technologies such as **SCORM, HTML5, and H5P**. It can also be enriched with **simulators, video learning, mobile learning resources, and gamification.***

Each course is built with a clear didactic logic, visual storytelling, and resources designed to enhance engagement and understanding.

The service also includes the design and setup of the virtual classroom, the development of assessments and rubrics, and the production of a facilitator guide.

What's Included?

Pedagogical and Technical Consulting

Analysis of the training program, student profile, and learning outcomes by course.

Diagnostic of available materials and adaptation needs.

Curriculum Review by Levels:
Macro: alignment of the program with institutional objectives.
Meso: course organization by units or modules.
Micro: planning of each virtual class (resources, activities, evaluation).

Instructional Design and Scripting

Didactic structure by module/learning unit.

Logical sequencing of content, resources, and activities.

Creation or adaptation of content from scratch if no prior material exists.

Scriptwriting for interactive or audiovisual resources.

Graphic, Narrative, and Visual Design of the Course

Visual identity design for the virtual classroom: banners, cover images, icons, graphic elements.

Clear pedagogical narrative aligned with the student profile.

Personalized visual theming.

Digital Content Development

Content production in **SCORM** and **HTML5**.

Interactive activities using **H5P**.

Instructional, explanatory, or motivational videos (*video eLearning*).

Educational challenges with **gamified narrative** (missions, levels, achievements).

Content adapted for **mobile learning**.

Digital simulators of processes, tools, or real-life scenarios.

Structured Virtual Classroom

Moodle course template ready to be loaded.

Resources organized by unit (*minimum 3 blocks per course*).

Evaluations, rubrics, assignments, forums, and integrated feedback.

Complementary Moodle orientation course for teachers and students.

Teacher Support

Design review and validation by the course instructor (if applicable).

Up to **7 hours of support per course**, distributed across design, review, and delivery.

Facilitator guide and orientation for course implementation.

PRODUCTION MODALITIES

We understand that every institution or company has its own pace, audience, and goals. That's why at **CIDCLearning**, we offer multiple production modalities to adapt content virtualization to your project type, volume, pedagogical depth, and required level of interactivity.

FACTORY MODEL

High-volume production, ideal for institutions that need to virtualize multiple courses or programs in a short period of time.

- This modality prioritizes visual standardization, instructional design efficiency, and rapid delivery without sacrificing quality.

Recommended for universities and training centers with virtualization schedules by trimester or academic cycle.

CUSTOM-BUILT

Personalized development of each course or program, with a high level of creativity, fully original resources, specific pedagogical narratives, and greater emphasis on user experience.

- Allows for the integration of rich media, gamification, simulators, or other unique elements.

Ideal for certifications, diploma programs, internal training, or flagship courses.

MICROLEARNING & SHORT LEARNING PATHS

Design of compact, modular content focused on specific goals, easy to consume in short sessions.

- A perfect strategy for continuous training, skill development, or educational communication in corporate environments.

Best suited for workplace learning or competency-based training programs.

MOOC-STYLE OR OPEN COURSES

Design of massive, scalable courses accessible from any virtual environment, intended for public distribution.

- Includes attractive visual design, autonomous navigation, self-assessment systems, and automatic certificate generation.

Highly effective for institutions aiming to build brand awareness, offer free programs, or expand their digital reach.

You can combine different modalities within a single institutional project. We adapt our approach to your goals and operational capacity.

DELIVERABLES

At the end of each virtualized course or module, your institution will receive fully developed products ready to be integrated into your virtual campus, with pedagogical, visual, and technical design aligned with your educational goals and quality standards.

STRUCTURED DIGITAL CONTENT

• Modules organized by units or thematic blocks (minimum of 3 per course).
• Sequential resources with a didactic and progressive structure.
• Integrated formative assessments, rubrics, assignments, and forums.
• Interactive activities (H5P) and/or simulators if included.

SCORM/HTML5 READY-TO-UPLOAD FILES

• Packaged files for easy integration into any compatible LMS.
• Compatible with Moodle, Canvas, Chamilo, and more.
• Responsive, accessible content designed for smooth navigation.

FULLY BUILT VIRTUAL COURSE

• Moodle course structure (MBZ or backup format).
• Customized visual design (banners, homepage, icons).
• Categories, sections, labels, and optimized navigation included.

FACILITATOR'S GUIDE FOR TEACHERS

• Document with instructions to manage and energize the virtual classroom.
• Guidance on mandatory, recommended, and optional activities.
• Tips for giving feedback, evaluating, and supporting students throughout the learning process.

MOODLE ONBOARDING COURSE

• Self-paced course for teachers and students.
• Basic instructions on navigation, submitting assignments, using forums, assessments, and certificates.

TEACHER SUPPORT (UP TO 7 HOURS PER COURSE)

• Review, validation, and pedagogical training sessions with the lead instructor.
• Adjustments and edits made during the process.
• Support provided from the design phase to final delivery.

APPLIED METHODOLOGY

Each program or course we virtualize is grounded in solid **pedagogical principles** that ensure not only the delivery of digital content, but the design of meaningful, active, and learner-centered educational experiences.

Our team combines proven methodologies with contemporary approaches that respond to the evolving dynamics of digital education.

PACIE

We apply the **PACIE methodology** as the foundational framework for all our virtual courses:

PRESENCIA	ALCANCE	CAPACITACIÓN	INTERACCIÓN	ELEARNING
Presence	*Scope*	*Training*	*Interaction*	*eLearning*
The virtual classroom is visually structured, clearly organized, and conveys a sense of identity.	Course objectives are well defined and aligned with expected competencies.	Content is progressively developed, respecting student diversity and learning pace.	We foster participation among students and with instructors through forums, collaborative tasks, and constant feedback.	Each component is designed to support flexible, accessible, and high-quality online learning.

OTHER METHODOLOGIES AND APPROACHES WE INTEGRATE

Active, Hands-On Learning:	Collaborative Work:	Formative and Constructivist Assessment:	Content Curation and Educational Narrative:
We encourage exploration, discovery, and knowledge building through practical engagement.	We promote social learning through group activities, challenges, and collaborative exchange spaces.	Assessment is not only about measuring but also about guiding and providing feedback throughout the learning process.	We carefully select each resource and build a narrative thread that connects, guides, and motivates learners.

Each course is more than a sequence of activities: it's an educational experience designed with intention, structure, and emotion.

TECHNOLOGIES AND TOOLS

At CIDCLearning, we combine **high-level educational technology** with pedagogical principles and creative design to develop interactive, accessible, and cross-platform learning experiences.

Each piece of content is produced using professional tools that ensure **compatibility, scalability, and engagement**—adapting both to the institution's capabilities and the end user's profile.

USED TOOLS

Moodle	H5P	Genially	Articulate Storyline / Rise	Interactive Simulators

OUTPUT FORMATS AND COMPATIBILITY

SCORM and HTML5
Packaged content easily integrated into any LMS, accessible via web or mobile devices.

Mobile learning
Responsive design that ensures a smooth experience on phones or tablets.

Interactive video
Audiovisual lessons with active pauses, embedded questions, and free navigation options. Available via streaming or embedded in the platform.

We select each tool based on the course objectives, the student profile, and the institution's technological environment.

ESTIMATED DELIVERY TIMES

At CIDCLearning, we structure delivery timelines based on the type of project, the volume of content to be virtualized, the required level of interactivity, and the selected production modality (custom or factory).

ESTIMATED TIMES BY TYPE OF DELIVERY

Content Type	Estimated Time per Course / Module
Custom content	10 to 15 business days per course
Factory-style production	5 to 8 business days per course
Microlearning routes	3 to 5 business days per package
Full programs (degree/career)	Planned by trimester (based on number of courses and institutional schedule)

VARIABLES THAT MAY AFFECT DELIVERY TIMES

- Complexity of the content and level of interactivity required.
- Validation time from the faculty or institutional team.
- Timely delivery of source materials (syllabus, curriculum, existing resources).
- Number of courses to be produced simultaneously.
- Integration of special elements: simulators, gamification, videos, or custom resources.

Once the request form is approved and the scope is defined, we provide a detailed timeline by blocks and key milestone dates.

INVESTMENT AND PAYMENT STRUCTURE

We understand that program virtualization requires progressive financial planning. That's why we offer a flexible, transparent, and adaptable investment model that aligns with each institution's pace and operational capacity.

BLOCK-BASED PAYMENT MODALITY

The investment is structured by **blocks of virtualized courses or subjects**, allowing institutions to move forward in phases without requiring large upfront payments.

1	2	3
You can **divide the project by trimester, semester, or academic units,** based on your institutional calendar	Each block includes the complete virtualization of a group of courses (e.g., 6 per trimester).	Payment for each block can be made in **one, two, or three partial installments,** previously agreed upon.

WHAT DOES EACH BLOCK INCLUDE?

- Virtualized courses with complete instructional design.
- SCORM/HTML5 content and multimedia materials.
- Structured virtual classrooms, ready to be uploaded.
- Base Moodle induction course + included faculty support.
- Technical and pedagogical support during the block.

Our goal is to help you plan your educational transformation realistically—without compromising project quality or your institution's financial stability.

WHAT DOES YOUR INSTITUTION GAIN?

With our **Program Virtualization Service**, your institution doesn't just digitize content—it transforms how it teaches, connects with students, and delivers its educational offering in virtual environments with quality, identity, and purpose.

WHAT YOUR INSTITUTION TRULY GAINS

A virtual academic offering with pedagogical and visual coherence
Each course reflects your institutional identity, curriculum structure, and educational model.

Engaging, interactive, and accessible content
Designed to motivate, support comprehension, and adapt to various learning styles.

Empowered and supported faculty
We guide your team so they understand the platform, use the resources effectively, and confidently lead the learning process.

Reduced dropout rates in virtual environments
Instructional design, narrative, and interactivity strengthen the bond between students and content.

Reusable and scalable materials
The content can be updated, exported, or integrated into different programs or levels.

Measurable and sustainable institutional impact
Virtualization supports educational innovation, digital visibility, and efficient academic management.

When you virtualize with CIDCLearning, your institution evolves without losing its essence. You teach better, connect more, and prepare to grow.

APPLICATION CASES / USE IDEAS

Program virtualization goes beyond converting face-to-face classes into digital content. It's a versatile strategy that can be applied across educational, corporate, and social contexts, for diverse levels and audiences.

HIGHER EDUCATION

Virtualization of technical, undergraduate, or graduate degree programs.	Implementation of fully online or blended-learning (b-learning) diplomas.	Ongoing training routes for faculty and academic staff.	Courses integrated into institutional accreditation processes.

CORPORATE TRAINING

Gamified and adaptive onboarding programs	Gamified and adaptive onboarding programs	Gamified and adaptive onboarding programs	Gamified and adaptive onboarding programs

OPEN EDUCATION AND EXTENSION

Massive Open Online Courses (MOOCs) to boost institutional visibility or attract new audiences.	Citizen, community, or social education programs.	Self-paced courses for professional associations or guilds.	Digital micro-credentials with employability focus.

CUSTOM PROJECTS

Content adaptation for inclusive or bilingual programs.	Integration with external platforms or institutional evaluation systems.	Production for low-connectivity environments (offline SCORM version).	Content tailored to education level or technical training requirements.

If your institution has a specific need, we can co-create a unique and functional solution. We welcome the challenge.

WHAT'S NEXT?

You've already taken the first step toward delivering virtual education with quality, identity, and purpose. Now, we're ready to help you transform your programs into innovative, functional, and sustainable digital learning experiences.

At CIDCLearning, we don't offer one-size-fits-all solutions — **we co-design every course, every classroom, and every learning experience with you**. To move forward with your project, all you need to do is request our initial form.

Request the E-Learning Project Implementation Form now. With this information, we'll develop a personalized proposal tailored to your institution's content volume, course type, and educational goals.

Request Implementation Form

Have questions or need guidance first? Write to us.
We'll be happy to support you from idea to implementation.

CIDC
Learning
Innovamos para educar
Educamos para transformar

"Technology will not replace great teachers, but technology in the hands of great teachers can be transformational."

—George Couros