Train anytime, anywhere, with anyone, on any device.

EMPACT®
IMMERSIVE LEARNING PLATFORM

HTX Labs developed EMPACT to help modernize training, improve safety, reduce costs, maximize operational efficiency, and build resilience and readiness across the Department of Defense.

Force Multiplier for Training Innovation

EMPACT offers an end-to-end XR platform that enables users to create, learn, measure, and sustain immersive training within high-fidelity, engaging virtual environments; including:

- custom virtual models and simulations,
- low/no-code development and creation tools,
- scalable deployment and delivery,
- integration with existing software systems,
- robust data and analytics capture,
- on a standalone, end-to-end XR training platform.

XR Solutions

Create

EMPACT enables no-code XR content creation tools to rapidly create and sustain reusable, repeatable, virtual training.

Learn

EMPACT delivers an adaptive, multi-modal learning framework, hardware agnostic delivery, and seamless integration with legacy software systems.

Measure

EMPACT records usage and performance data to visualize progress, monitor completion, analyze training effectiveness, and assess competency.
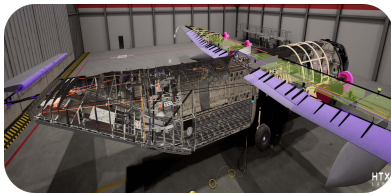
Sustain

EMPACT's secure and centralized platform simplifies and streamlines processes to host, update, manage, and share immersive training content at scale.

EMPACT® Immersive Learning Platform Capabilities
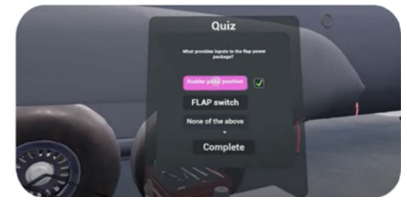
Create

Virtual Environments & Immersive Content

Learn

Anytime, Anywhere, on Any Device, With Anyone

Measure

Usage and Performance Data

Developer

EMPACT Developer is an Unreal-powered software development kit (SDK) that supports a low-code modular framework to build a library of high-fidelity, realistic, interactive virtual environments.

Studio

EMPACT Studio provides no-code immersive content creation tools to rapidly create and sustain reusable, repeatable student-centric, mission-specific training within virtual environments.

Cloud

EMPACT Cloud delivers a multi-modal learning framework, hardware agnostic content deployment, and seamless integration with existing systems to support a learn-by-doing approach.

Analytics

EMPACT Analytics records and reports on usage and performance data to visualize progress, monitor completion rates, analyze training effectiveness, and assess competency.