

HCLTech | Supercharging
Progress™

XTERN Service Delivery Platform (SDP)



Accelerating XR Adoption for Enterprises

Advancement of digital technologies have given rise to a strong need for a more immersive visualization tool which can facilitate improved user experience in performing various activities. With adoption of Extended Reality (XR), which is a combination of Augmented, Virtual and Mixed Reality, enterprises can increase efficiencies across business functions and derive significant business value. XR

enhances both the user experience (UX) and employee experience (EX) by providing a higher level of immersion through converging the physical and digital worlds.

However, as organizations try to unlock the power of Extended Reality (XR), they are faced with several pressing challenges like longer rollout time, complexities in large scale deployment, and interoperability issue.

With HCLTech's XTERN Service Delivery Platform (SDP), customers will have full support across all stages of their XR journey: from strategizing, developing, publishing, deploying and managing variety of industry use cases.

Key Business Impact



Reduced development time by about 40%

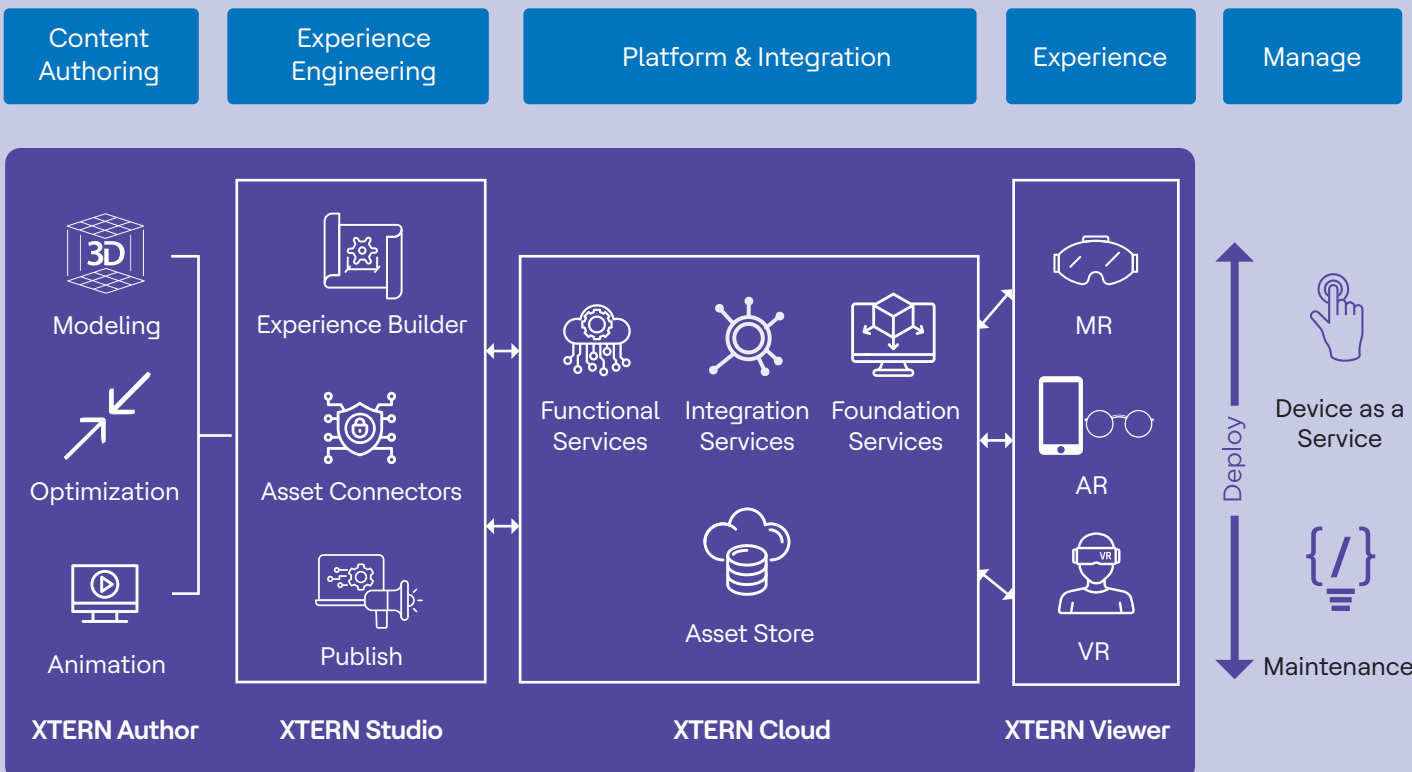


Higher ROI of up to 50% due to lower TCO



Deliver custom XR solutions tailored to enterprise needs

XTERN SDP: An XR service delivery platform (SDP) to develop, publish and deliver XR use-cases at scale. As an XR experience development platform it provides integrated suite of software components to develop custom XR solutions with low-code tooling, cloud based XR platform & customizable viewer apps for different XR devices.



Platform Components delivering seamless XR experience

XTERN SDP offers an integrated suite of software and platform components that enable acceleration and industrialization of custom XR experiences.

XTERN Author



Pre-defined templates, best practices and processes, enabling seamless content design and model creation

XTERN Cloud



Centralized scalable and secure platform for content management and integration with other digital platforms leveraging the power of hyperscaler's cloud services

XTERN Studio



Low code/no code tool for accelerating experience development and publishing

XTERN Viewer



Customizable viewer application to get immersed into the XR experiences on multiplicity of XR devices

Key XR Offerings

Engineering to Experience Services

XR Strategy

- Conceptualization
- UX & Architecture

Content Authoring

- 3D Modelling
- Animation

Development

- Experience Creation
- Content Management
- Integration

Manage

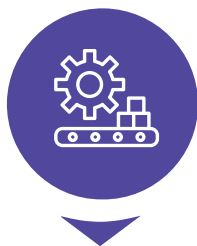
- Device Management
- Content Update
- Sustenance

XR Solution Portfolio



Product Development

- Concept visualization
- Concept review
- Collaborative design



Manufacturing

- AR assembly instructions & guidance
- XR training and guidance for technicians
- Digital Twin visualization – Realtime insights of equipments/operation quality control



Logistics

- Smart logistics AR-navigation app
- XR training for material handling & logistics



Marketing and Sales

- Customer engagement and product visualization platform
- Product configurator
- Virtual space tour



Service and Maintenance

- Smart service & remote maintenance assist
- XR training for field technicians/ customers
- Remote assist & customer support

■ Higher ROI

■ Users Delight

■ Value for Money

Our Credentials



45+ years of Engineering and R&D expertise supercharging progress across 10+ industry verticals.



Unique mix of deep domain expertise combined with technology experience across core Engineering and Digital technologies.



Strategic partnerships with leading Hyperscalers, engineering products ISVs, handset OEMs and XR platform providers.



Global leadership in providing XR services, widely recognized by leading research and consulting firms.

Recognitions



Avasant

Leader

***Avasant AR/VR/XR Services 2022 RadarView™**

2022

Everest Group

Leader

Digital Twin Services PEAK Matrix® Assessment 2022

2022

Everest Group

Leader

Digital Product Engineering Services PEAK Matrix® Assessment

2022

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