



Accelerate service activation, securely authenticate, simplify entitlements

Deliver seamless, secure and scalable device
entitlements with HCLTech DEG





Overview

HCLTech Device Entitlement Gateway (DEG) is a robust entitlement server that efficiently manages service and application entitlements on a per-device or per-user basis. Acting as a secure, single point of entry into the carrier network, DEG serves as a powerful orchestration gateway between devices, their applications, the core network and OSS/BSS systems.

Key Differentiators



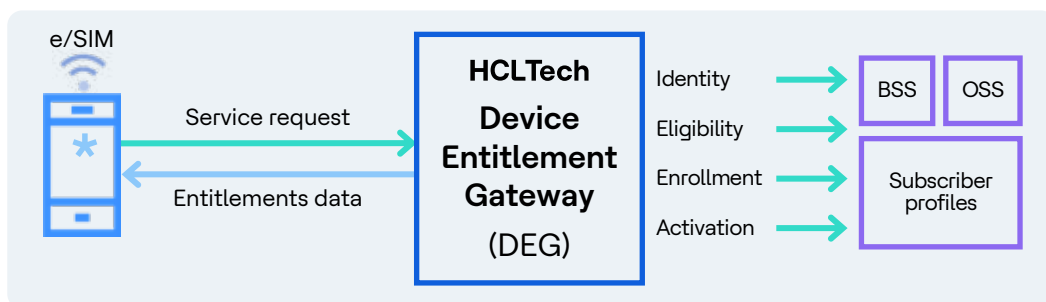
Proven and trusted

Over the past decade, carriers globally have relied on HCLTech DEG as the leading Entitlement Configuration Server for in-demand use cases.



Unified platform for all devices and services

DEG provides a consistent set of backend interfaces across all device OEMs, streamlining integration and ensuring quick deployment for new use cases and OEM partners. Its flexible architecture accelerates time to market for new solutions and use cases.



GSMA TS43 leadership

We have been at the forefront in shaping the GSMA TS43 Service Entitlement Configuration specification since version 1.0.



Deep industry expertise

Our experts have been consistently setting standards in entitlement solutions, whether deploying a new platform or augmenting an existing legacy system, while maintaining strong relationships with all major OEMs.



Ready for the use cases you need when you need them

Because we are deeply involved in the entitlement space, HCLTech DEG is ready for our customers to be first to market with new use cases and to support the use cases required in your market.



Use cases

HCLTech DEG supports over 25 entitlement-based use cases, empowering carriers to deliver seamless and customer-centric experiences across a variety of services:

eSIM transfer

Effortlessly transfer a subscription between devices or migrate from a physical SIM (pSIM) to an eSIM within the same device—eliminating the need for store visits or customer support.



RCS activation

Enable RCS messaging on iOS and Android devices to offer rich, cross-platform communication capabilities.



Token based authentication including operator token

Used in services like Open Gateway, and features such as Phone Number Verification (PNV).



Wearable activation

Easily set up new subscriptions, transfer existing ones or enable shared subscriptions for wearables—without the need for QR codes or customer service interactions. Supports both shared number and family number configurations.



5G data management

Manage service entitlements based on a user's 5G plan, ensuring appropriate access and provisioning.



VoLTE/VoWiFi activation

Collect user input for eligibility validation, address capture and acceptance of service terms before activating Voice over LTE or Wi-Fi services.



Satellite mode

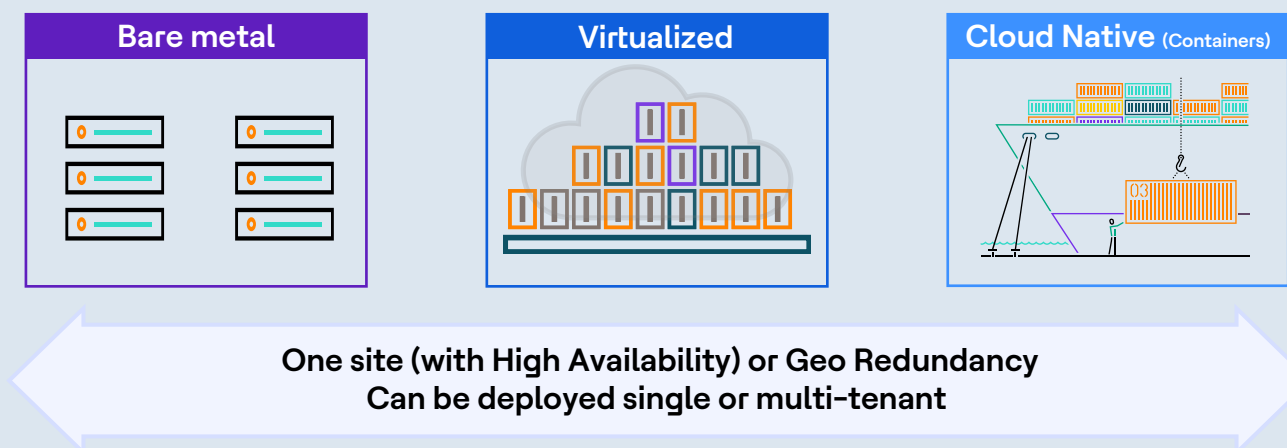
Apply entitlement controls to satellite networks, allowing carriers to define which devices or subscribers can access specific satellite networks and services, along with applicable restrictions.



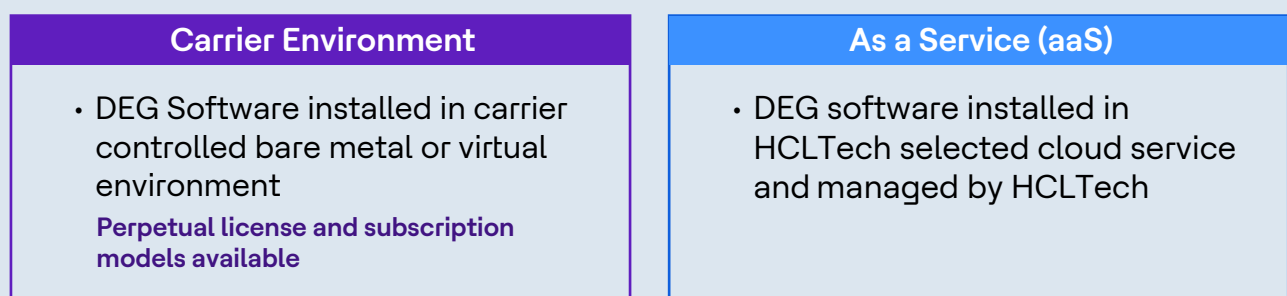
HCLTech DEG: Deployment options and commercial models

HCLTech DEG is designed to adapt to the specific needs of each carrier. It offers flexible deployment options, such as on-premises or delivery as a SaaS solution, to ensure scalability and operational efficiency.

HCLTech DEG Multiple deployment options



HCLTech DEG Commercial models



Today, over 40 carriers in more than 20 countries rely on HCLTech DEG to swiftly launch new use cases and stay ahead in a competitive market.

Contact your HCLTech representative to learn more and get started.

HCLTech | Supercharging Progress™

HCLTech is a global technology company, home to more than 223,000 people across 60 countries, delivering industry-leading capabilities centered around digital, engineering, cloud and AI, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending March 2025 totaled \$13.8 billion. To learn how we can supercharge progress for you, visit hcltech.com.

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