IGEL

IGEL OS 12

IGEL Product Strategy & Roadmap

Building, Supporting, and Scaling the Future

Praveen Gnanapragasam
VP, Product Management

A potential customer

Our Product

Awesome he is

What we Sell

What Customers buy

Portfolio of products

IGEL OS

Secure, Simple, Scalable

Secure, user-friendly OS that boosts productivity, safeguards data, and extends device lifecycle for sustainable IT

UMS

Total End Point Control

Simplifying endpoint management across on-prem, cloud, and hybrid environments with secure, effortless control for organizations of all sizes

Cloud services

App creation & SW as a Service

Secure, modern cloud services with App Creator and UMSaaS to enhance security, manageability, and reduce TCO

Apps ecosystem

Partner apps

Delivering stable, reliable, and timely apps to ensure a seamless experience that builds trust and long-term customer loyalty

Digital Signage

Digital displays, secure and simplified

Preloaded IGEL OS for secure, seamless, and ready-to-use digital signage

Hardware Integrations

Seamless HW compatibility

Seamless hardware integration with preloaded IGEL OS for instant, secure, and ready-to-use endpoints

Secure End point Virtualization

Virtualize OT securely

Enabling secure, lightweight hypervisor solutions for endpoints, driving agile, connected, and efficient OT and IT operations

OT/IoT

Smarter, Safer IoT

Enabling secure, intelligent, and scalable IoT solutions that connect, manage, and protect devices to drive innovation and efficiency

Insight Services

Insights that Drive Impact

Transforming data into actionable insights for smarter, faster decision-making

Deep Integrations in Industry Verticals
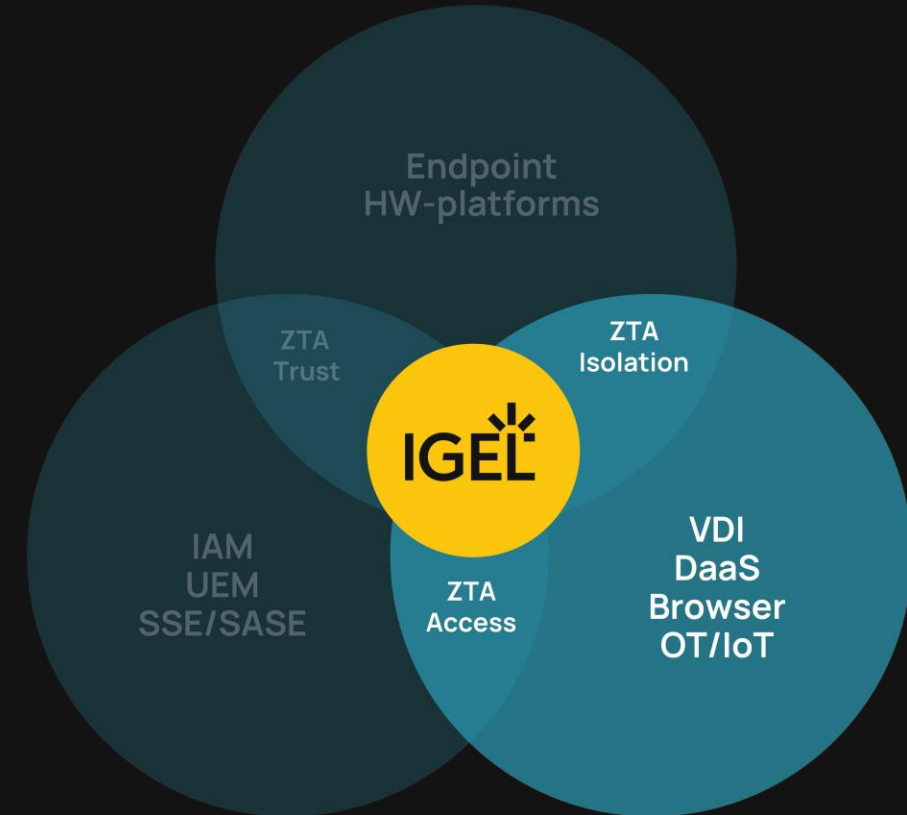

Healthcare

Manufacturing

Finance

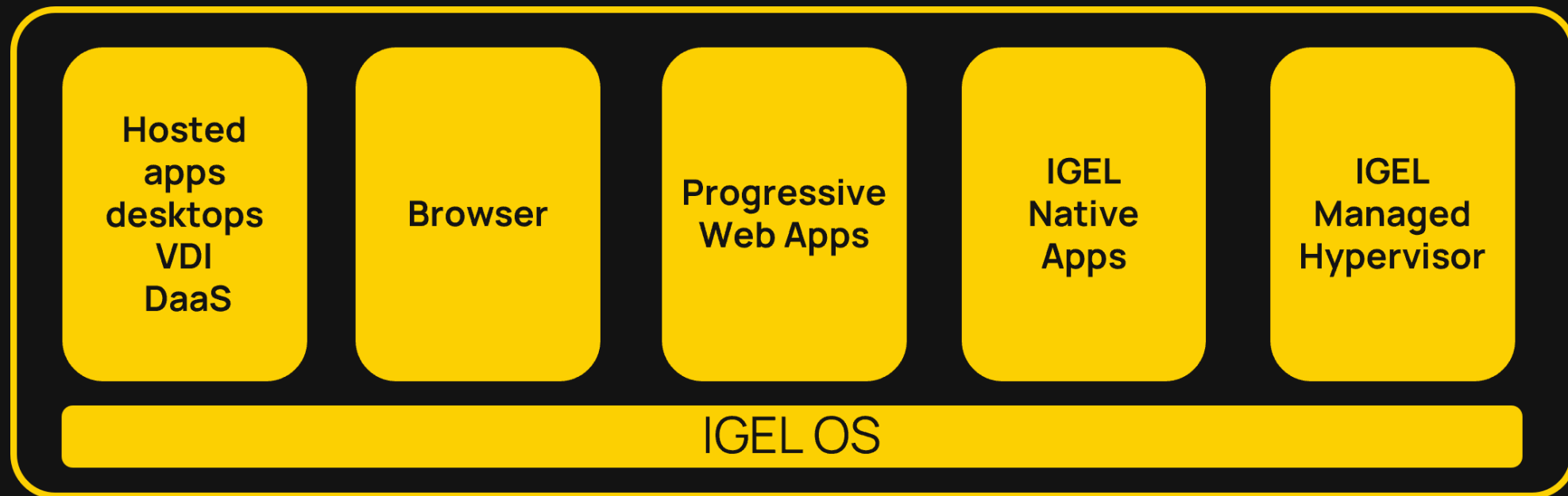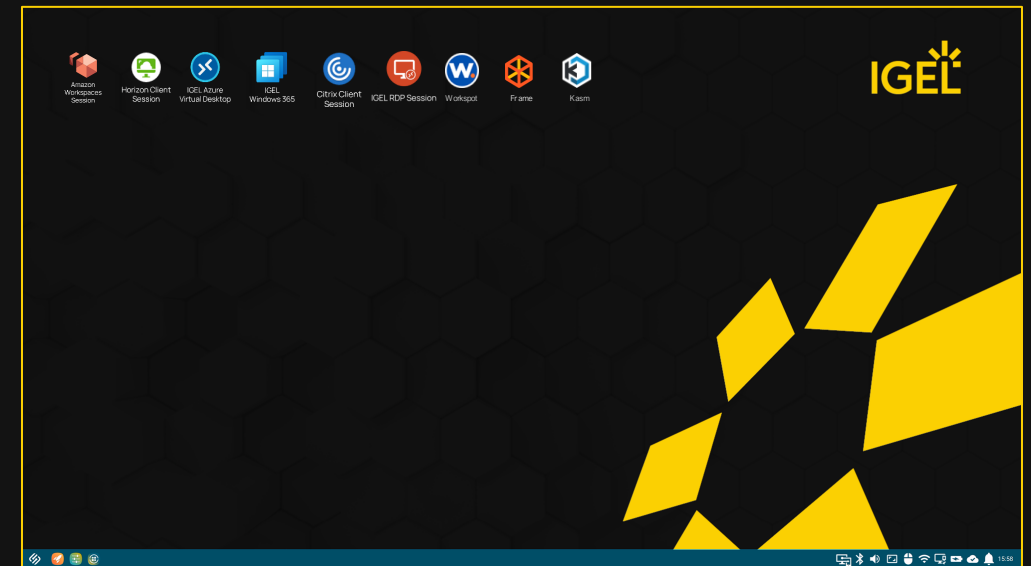Retail/Hospitality/
Transportation

Government

Application Delivery Strategy

Endpoint HW-platforms

ZTA Trust

ZTA Isolation

IGEL

IAM UEM SSE/SASE
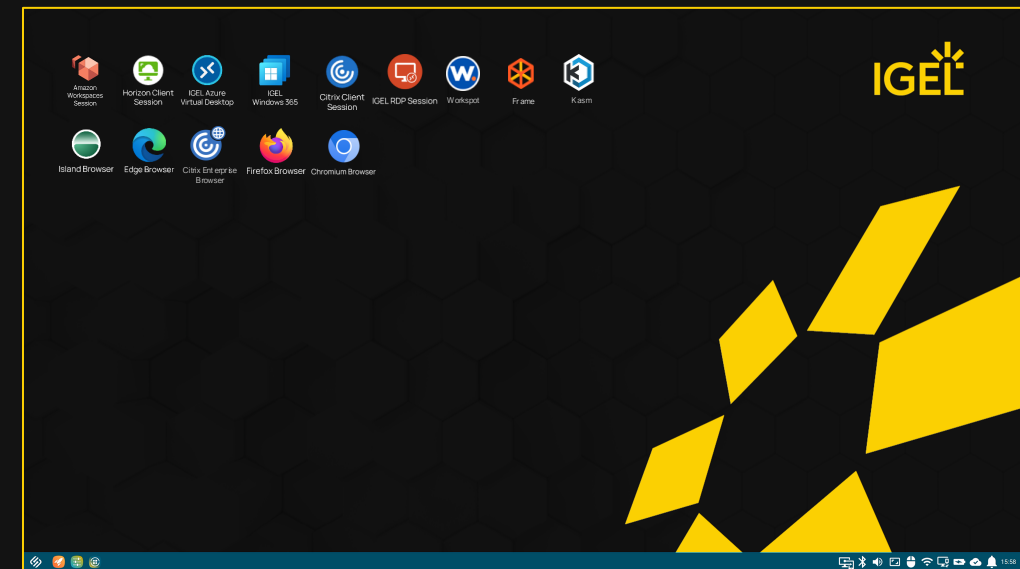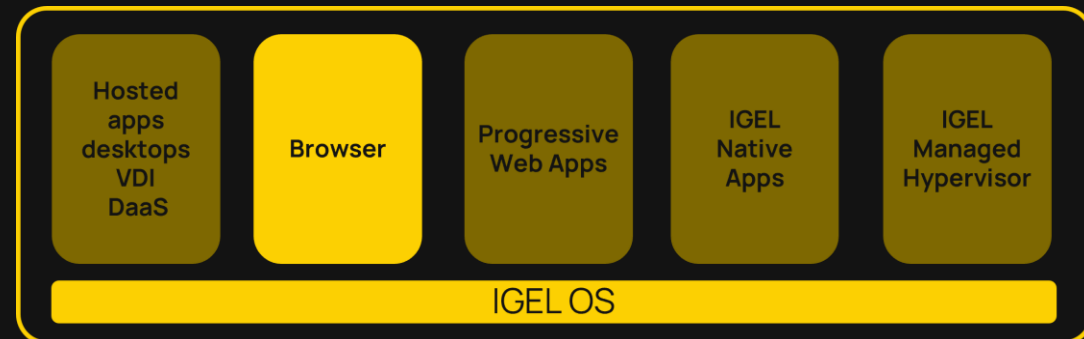
ZTA Access

VDI DaaS Browser OT/IoT

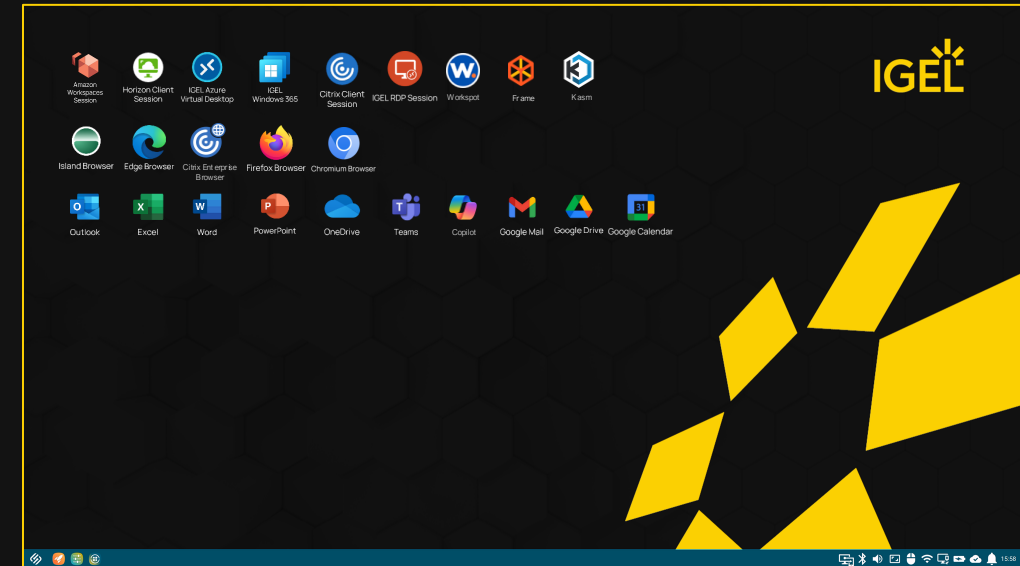# 5 Application Deployment Choices as part of the IGEL Adaptive Secure Desktop

Hosted Apps, Desktops, VDI, DaaS

Browser

Progressive Web Apps

IGEL Native Apps

IGEL
IGEL

The Evolving World of

1985 - 1990	1990 - 1992	1992 - 1993	1993 - 1994

1994 - 1995	1995 - 1996	1996 - 2000	1998 - 2000

2000 - 2003	2000 - 2006	2000 - 2014	2006 - 2017

2009 - 2020	2012 - 2016	2013 - now	2015 - now

2020 - now	2021 - now
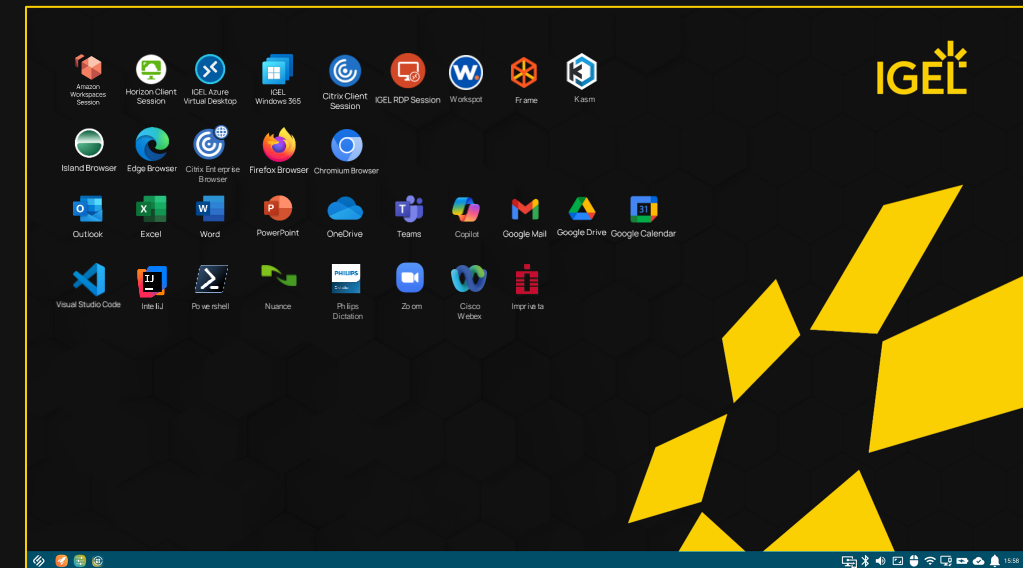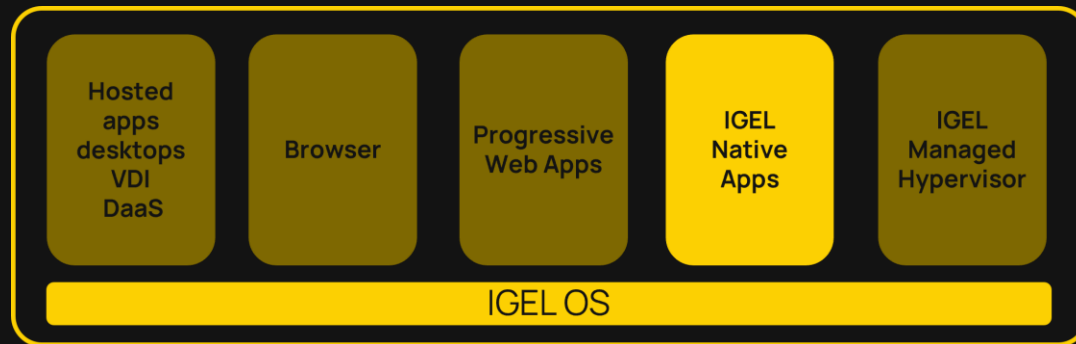
IGEL Managed Hypervisor

IGEL Managed Hypervisor Architecture

- Centralized management & Storage of client-side virtual machines

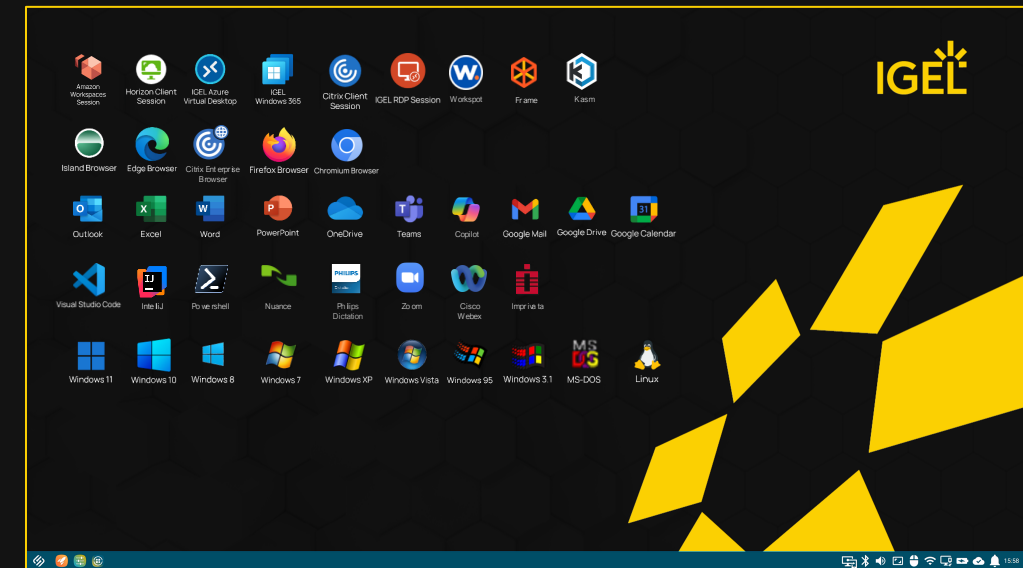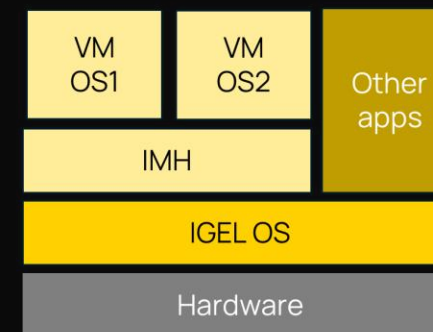- Full control of virtual machines deployed at the edge (start/stop/reset/refresh)

- Minimal hardware requirements

- Validated on platforms from our partners HP, Lenovo and LG

IGEL Universal Management Suite (UMS)

Gold VM Image Storage

Any Hardware (x86-64)

Any Hardware (x86-64)

Any Hardware (x86-64)
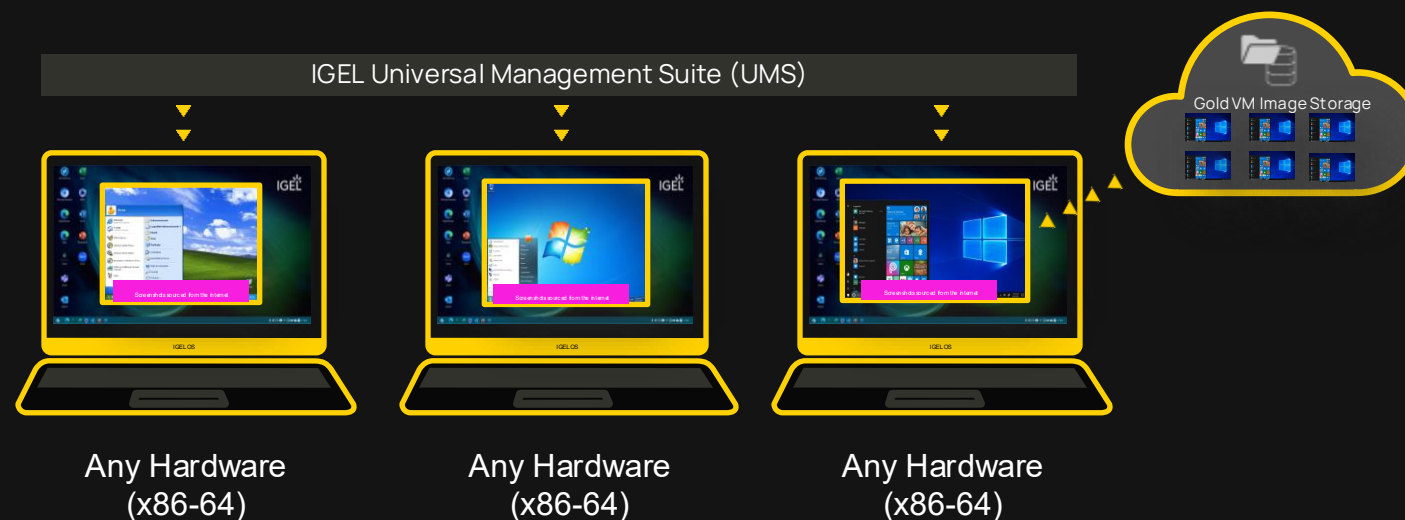
Combating Threats with IGEL Hypervisor

1 Layered Security Approach
Virtualized isolation of operational layers within OT systems.

2 Prevent Lateral Movement
Stops ransomware or malware from spreading between process layers.

3 Controlled Access Rights
Each level runs in a controlled virtual space with managed access.

VM OS1	VM OS2	Other apps
IMH		
IGEL OS		
Hardware		

1 Secure Segmentation
IGEL OS limits exposure by enforcing security boundaries

2 Breach Containment
IGEL OS Hypervisor isolates breached devices, preventing ransomware spread.

3 Mission-Critical Protection
Limits attack reach and protects core infrastructure in utility companies.

IGEL Managed Hypervisor Use Cases
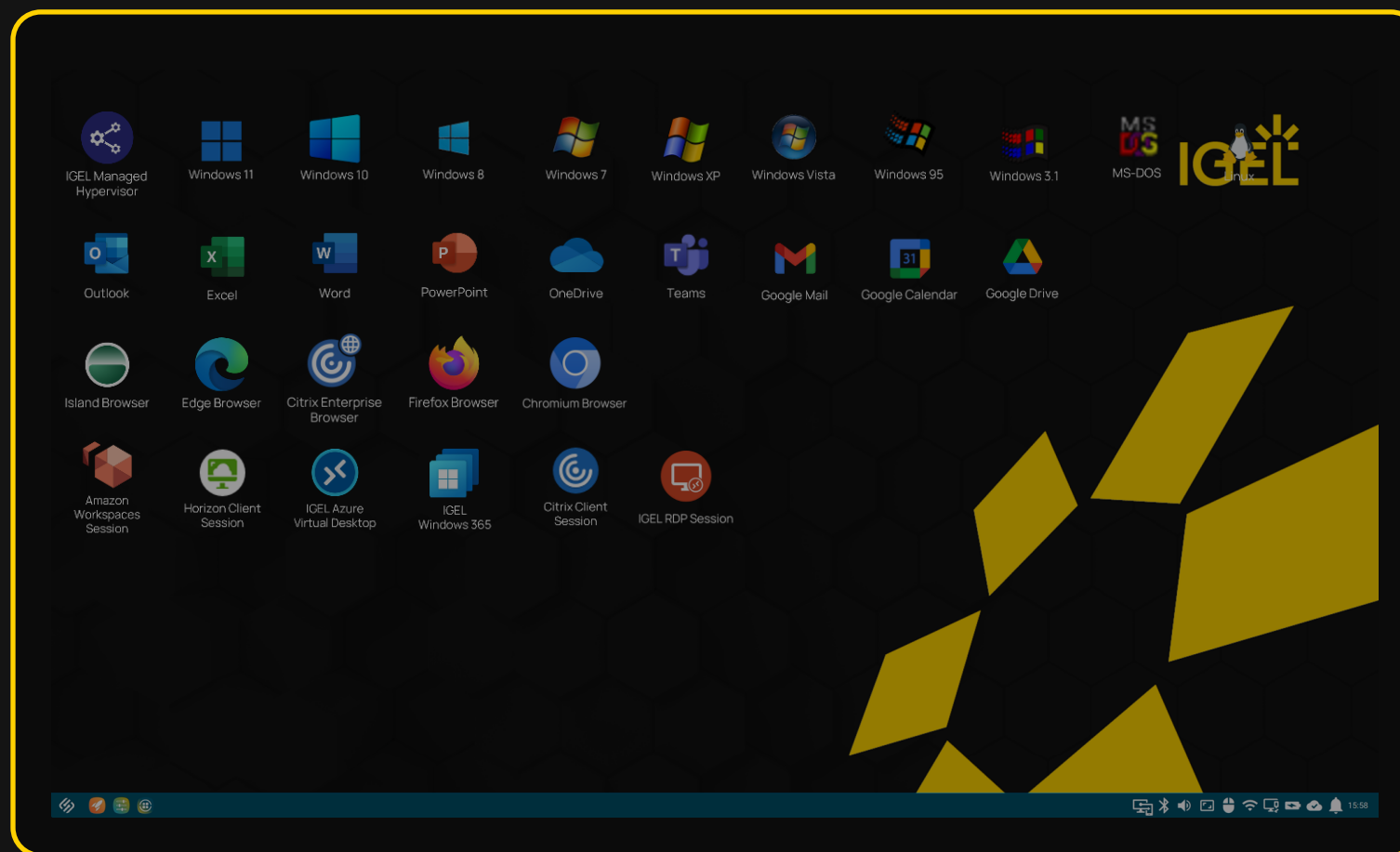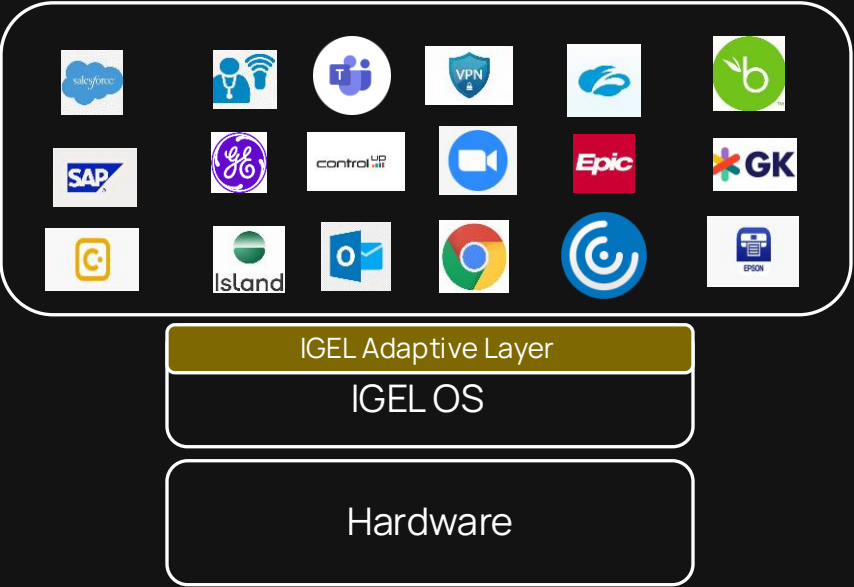
Unsupported OS

Manufacturing

ATM

MRI

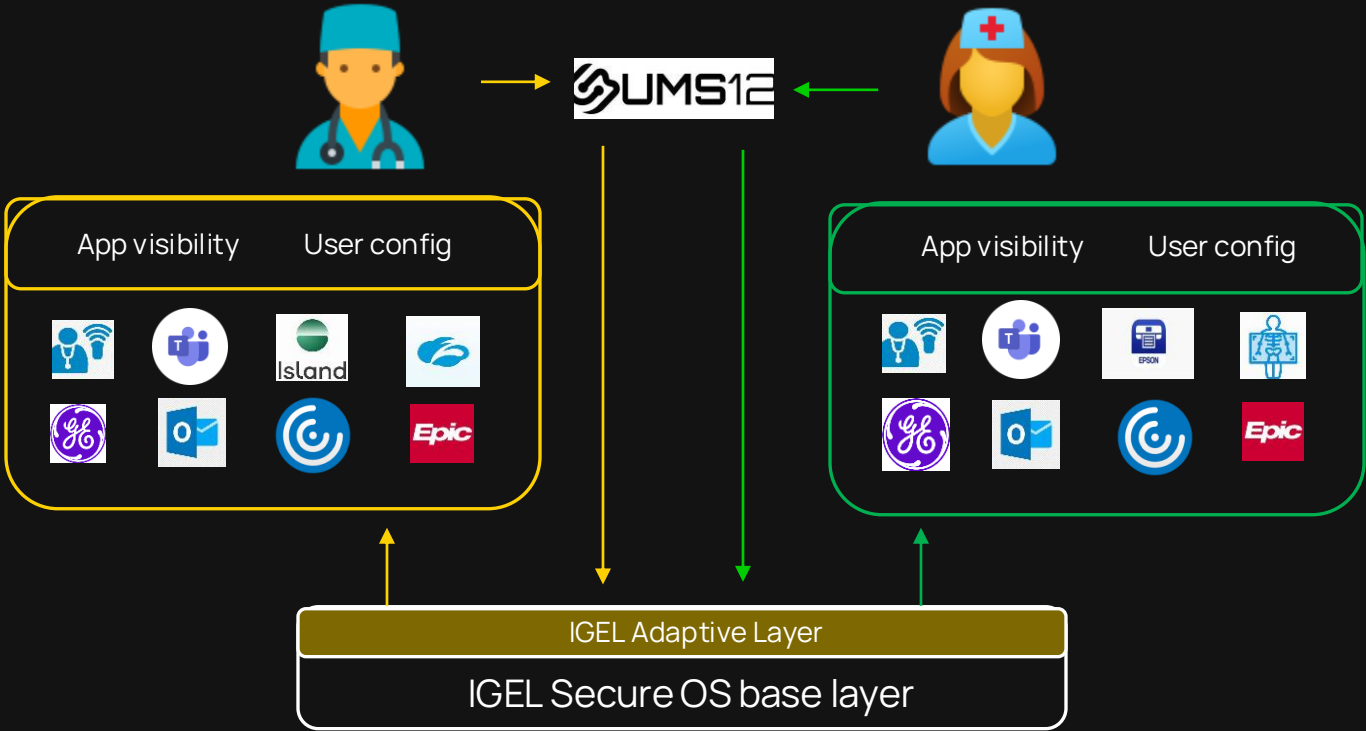Medication dispenser

Adaptive Secure Desktop

IGEL Adaptive Secure Desktop experience

All apps that are configured to the device
This allows fast user switching
No network/Bandwidth issues
New apps deployed at reboot

Profile based apps seen by the user at login

© IGEL 2024

Nurse can access only apps based on security confidence level – ZTF Active UMS

© IGEL 2024

Nurse can access only apps based on security confidence level – ZTF Active UMS

UMS12

Hospital Network

App visibility   User config

Home/Public Network

App visibility   User config

IGEL Adaptive Layer

IGEL Secure OS base layer

IGEL Adaptive Layer
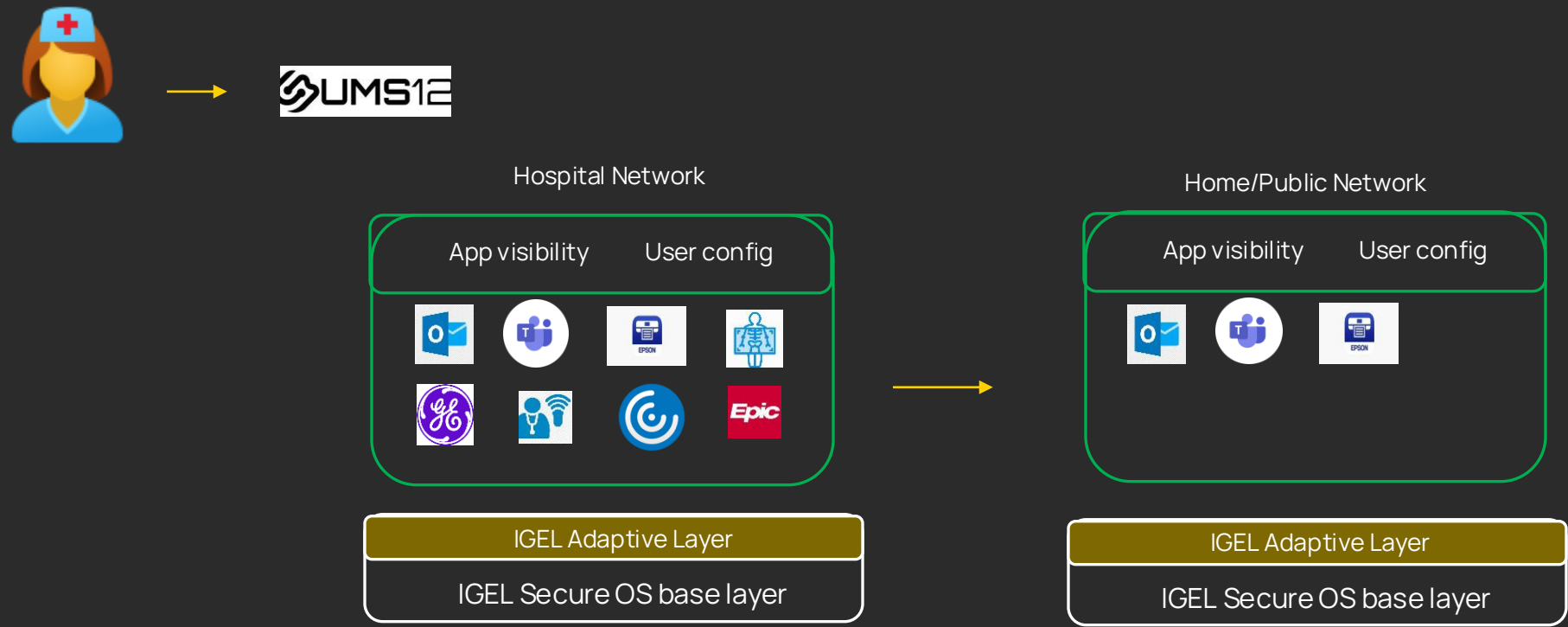
IGEL Secure OS base layer
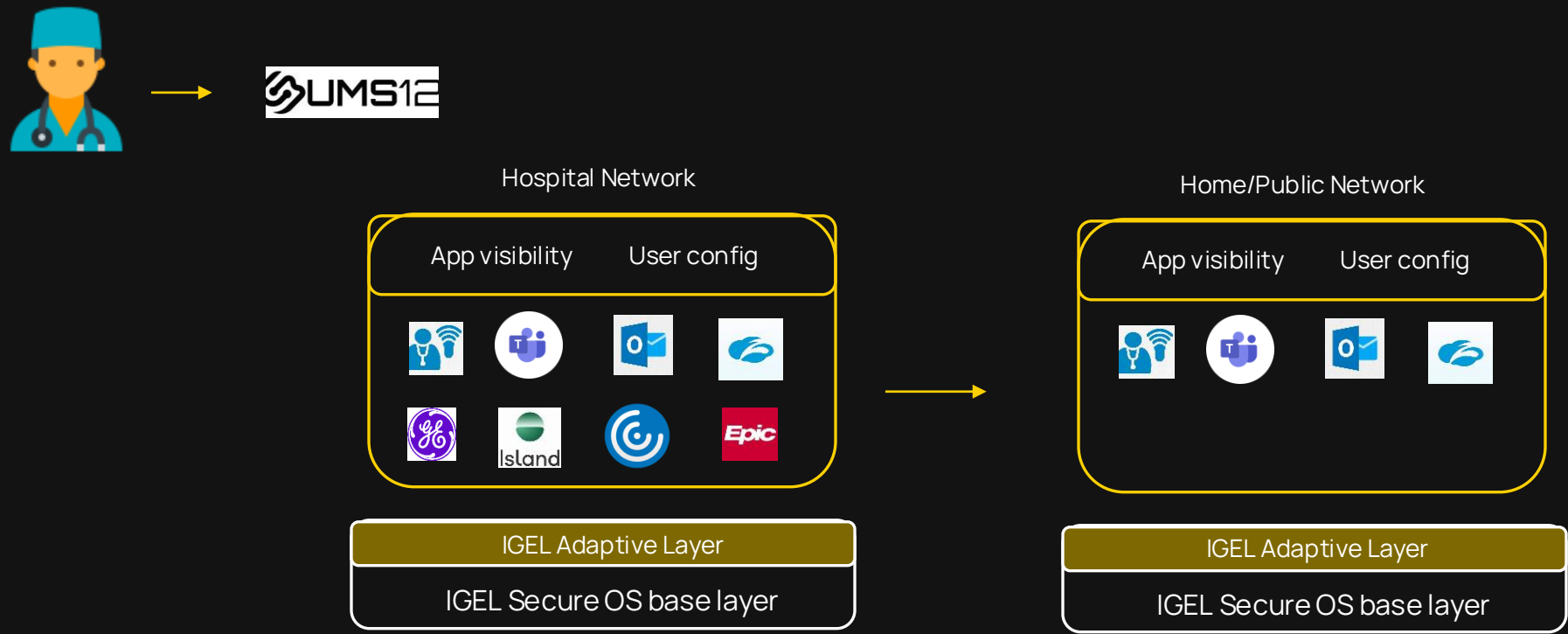
IGEL Business Continuity Options

The 4 paths to Business Continuity

IGEL Secure OS
Locally installed

IGEL Secure OS
USB Boot
Fully portable
On-demand

Windows & IGEL Secure OS
Dual-Boot mode

IGEL OS + Managed Hypervisor
Centrally managed
Locally deployed & virtualized
Immutable Windows instance

IGEL Native Apps

100+
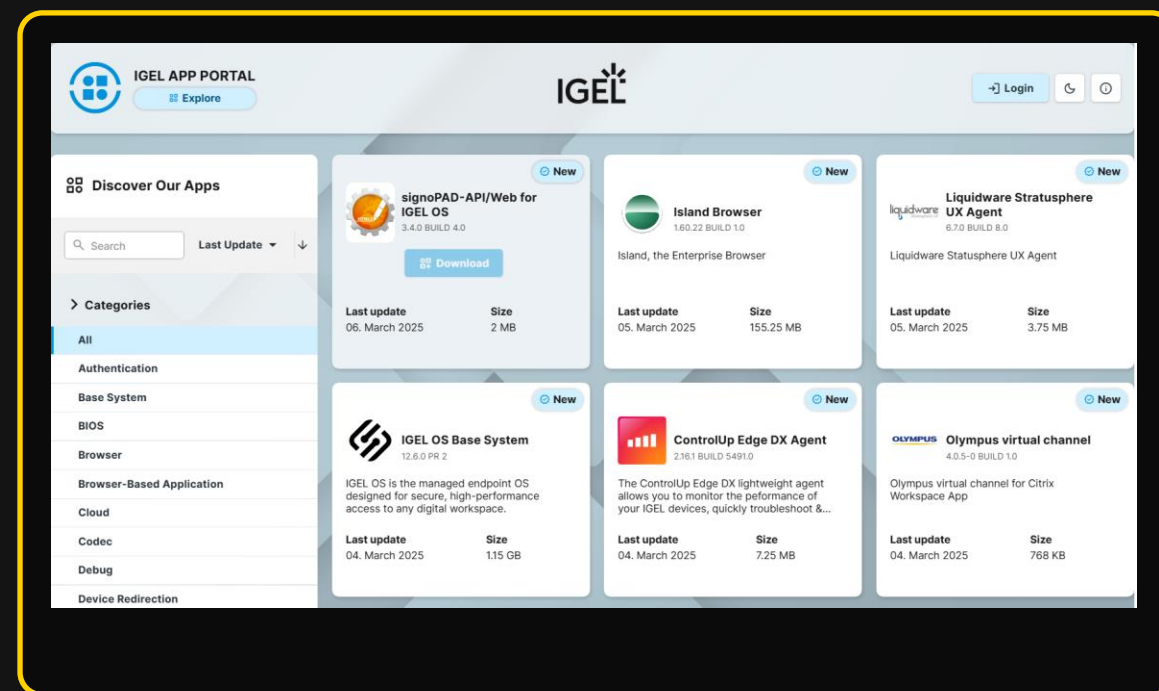Apps with regular updates and new features

IGEL Ready
New category of partners in SaSE and SSE

Customer Apps
App Creator Portal enables customer to build their own apps

New Use Cases
Drive new app categories

IGEL App Creator Portal – Evolving with you

Where We Started

- Announced at Munich in Sep 2024
- Vision: Enable partners & customers to create and publish apps

What's Coming in April – Cloud Services Release 12.7

- Introduction of the Recipe Marketplace to simplify app creation
- Enhanced Error Handling with clearer logs
- Downloadable Logs for easier troubleshooting
- App Versioning so customers and partners can define their own version numbers

UMS as a Service
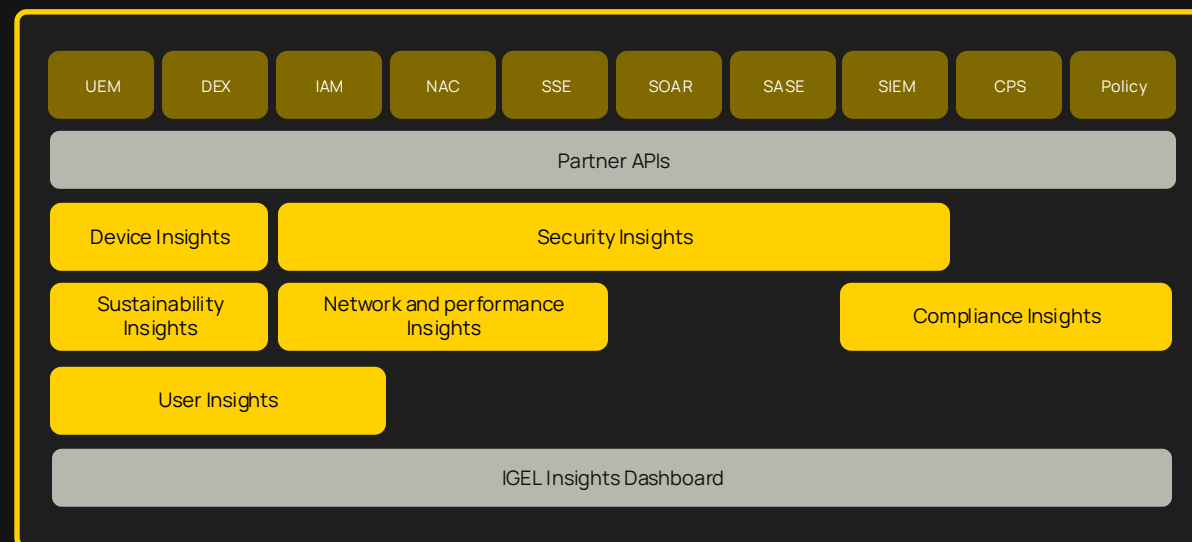
IGEL Insights – Unlocking Endpoint Intelligence

What is IGEL Insights?

- Real-time telemetry data from IGEL OS.

- Combines data from both endpoints and UMS,

- Open API – Enables integration with UEM, DEX, IAM, SIEM, and security platforms.

- Insights Dashboard to visualize key data at a glance.
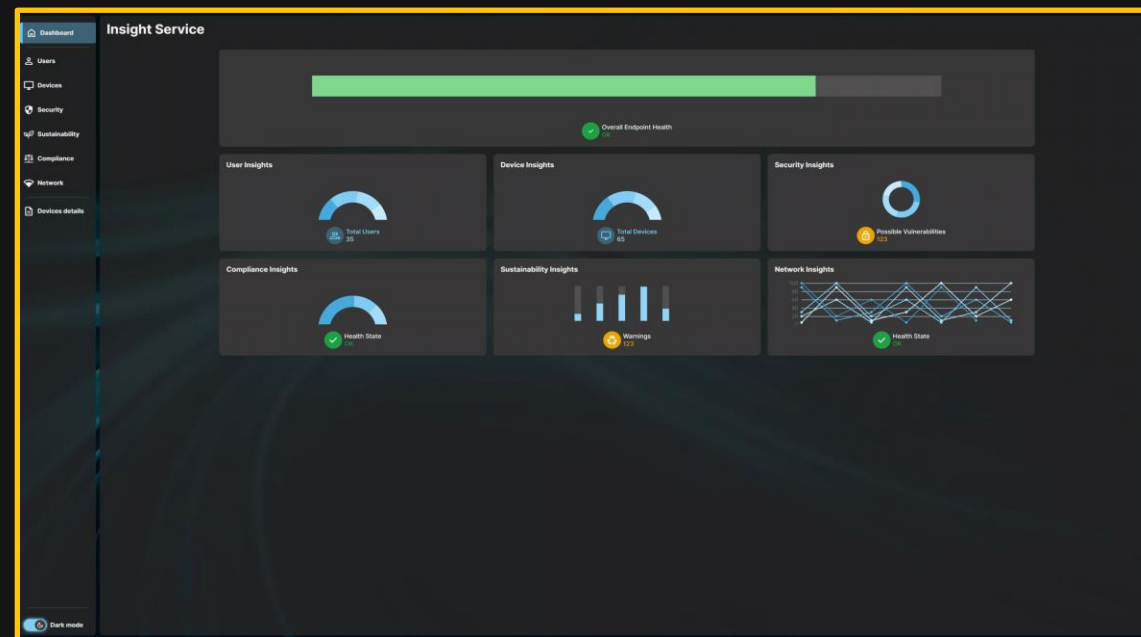
IGEL Insights – Unlocking Endpoint Intelligence

- IGEL Insights is a foundation for data-driven IT and security strategies.

- We're collaborating closely with our partner ecosystem to extend the value of their solutions.

- By integrating IGEL's endpoint insights, partners can deliver smarter, more secure, and proactive services

| UEM | DEX | IAM | NAC | SSE | SOAR | SASE | SIEM | CPS | Policy |

Partner APIs

Device Insights | Security Insights

Sustainability Insights | Network and performance Insights | Compliance Insights

User Insights

IGEL Insights Dashboard

IGEL Strategic Roadmap - 2025

OS11

Apps support

Customer comfort

OS12

OSNext

IGEL OS

	Q1	Q2	Q3	Q4
Distributed Peer Update			OS12.8	
Accessibility			OS12.8	
Modern Desktop			OS12.8	OS12.9
Pre-assigned personas by device group				OS12.9
NIST/FIPS 140-3				Nov
IGEL Managed Hypervisor		June		
BC/DR	HW - Mar		SW - Aug	
IGEL Adaptive Secure Desktop				Nov/Dec
Common Criteria		Investigation		

All indicated months/quarters are targeted towards end of the month/quarter

IGEL UMS & UMSaaS

	Q1	Q2	Q3	Q4
SSO & MFA		UMS 12.08		
Starter Sets	Available			
UMS as a proxy server			UMS 12.09	
UMS – support for reverse proxy		UMS 12.08		
Independently functioning UMS WebApp				UMS 12.10
UMSaaS		May	Auto device registration	Multi tenancy
Active UMS		Discovery	Alpha	Launch - Nov
IGEL Adaptive Secure Desktop			Alpha	Launch - Dec
UMS - Accessibility			Definition	

All indicated months/quarters are targeted towards end of the month/quarter

Cloud Services: ACP, App Portal, Insights

	Q1	Q2	Q3	Q4
Marketplace for recipes	CS 12.7	Recipe Variables	Community program	
Error & System Logging	CS 12.7			
App custom version	CS 12.7			
MFA for Customer Portal		June		
Remote App Signing			CS 12.8	
Life cycle management				Status tracking
App Portal: Download Statistics	CS 12.7			
App Portal	Hiding apps	App Categories	Private apps	
Insight Services	Discovery	Requirements	Partner APIs	IGEL Dasboard

All indicated months/quarters are targeted towards end of the month/quarter

IGEL

Thank You