VO Secure Manufacturing Platform
Ensuring digital assets are secure and traceable across the supply chain

Why is Viaccess-Orca (VO) Secure Manufacturing Platform (SMP) Needed?

As the production environment becomes ever more digital with Additive Manufacturing (AM), robotics and automated assembly, the value of data has increased immeasurably. Data now enables the modern factory. With such importance and value, the transfer of data between organizations must be both secure and traceable.

What is VO SMP?

VO SMP is a digital asset distribution and traceability solution for use across the industrial 4.0 supply chain. VO SMP ensures that companies wanting to use Additive Manufacturing, machining and post-processing for high value or critical applications have the means of controlling, tracking and tracing data transactions across their suppliers. A critical component at the juncture of IT and OT security chains, VO SMP enables companies to attain the highest levels of cybersecurity standards and certifications.

How does VO SMP Work?

VO SMP provides a solution for intellectual property protection and production control, from product design and 3DCAD data through to Additive Manufacturing and machining production data. VO SMP is therefore suited to high-value applications in the medical, rail, energy, aerospace, defense, industrial and automotive sectors. Sectors where it is becoming critical to have long-term access to secure data with authenticated provenance. VO SMP provides users with the peace of mind that their digital and physical assets are protected by a best-in-class solution built on over two decades of experience.

ALWAYS
EVOLVE

viaccess·orca

Without the ability to show robust digital traceability, regulators and underwriters in the aerospace, medical, energy and transport sectors will limit which products and assemblies can enter the supply chain.

How Does VO SMP Differ from other AM & production Data Management Solutions?

VO SMP combines robust and field-proven data security solutions developed by global digital rights specialists Viaccess-Orca. VO SMP is provided with the backing and assurance of Viaccess-Orca and its parent company the Orange Group. Viaccess-Orca are a member of the international 3MF consortium of leading manufacturing design software and hardware companies and key contributor to the newly released 3MF Secure Content Specification (www.3mf.io)

VO SMP Provides the Secure Solution

- Securing the intellectual property of data, from CAD to build file
- Identifying and preventing corrupted data within the supply chain
- A manageable and scalable production control solution
- Preventing overproduction or production by non-accredited suppliers
- Providing a secure data repository for design data, supply chain information, materials and build-log data along with post-processing information, enabling an irrefutable digital twin
- Developed in compliance with the newly released 3MF Secure Content Specification

Discover how VO SMP provides peace of mind across the connected Industry 4.0 supply chain:
Read more: https://www.viaccess-orca.com/secure-manufacturing-platform

About Viaccess-Orca

Viaccess-Orca (VO) is a leading provider of data-driven, end-to-end solutions that empower TV operators and service providers to deliver, secure, and monetize viewing experiences on every screen. From enabling AI-powered personalized TV and targeted advertising to offering robust security and anti-piracy services, VO is continually evolving to meet changing viewer preferences and industry needs. Deployed by over 100 customers worldwide to power advanced video services for millions of subscribers, VO's cloud-native solutions allow easy integration with any ecosystem and quick time to market for new features and top-notch technologies. A subsidiary of the Orange Group, VO has decades of award-winning expertise in securing both video content and digital assets across the connected Industry 4.0. For more information, visit www.viaccess-orca.com or follow us on Twitter @ViaccessOrca and LinkedIn.

ALWAYS
EVOLVE

Follow us on f X ▶ in

viaccess·orca