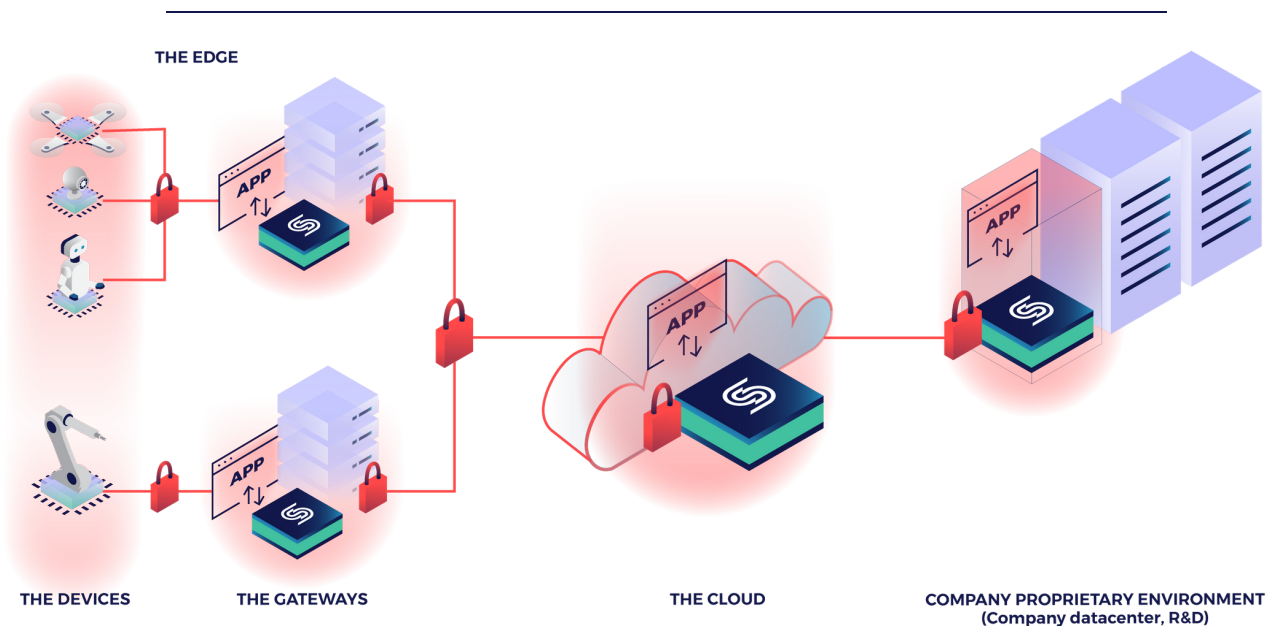


# Confidential computing extension to the Edge with ARCA trusted OS

**Benefit from a secure edge computing solution to deploy proprietary IP, protect sensitive data, run mission critical application and engage on new business models with third parties at the edge**



*In red: the Arca TEE environment securing the integrity and confidentiality of the sensitive data and workload of your business up to the edge*

## NEW TRUSTED BUSINESS ENVIRONMENTS AT THE EDGE

Create trusted environments to engage with the field to support operational processes, customer engagements or third parties collaboration where data, App or IP are protected and secured

## CONTINUUM OF CONFIDENTIAL COMPUTING ENVIRONMENTS

Fully leverage confidential computing benefits of protecting sensitive data and workloads from the center up to the edge including small distributed footprints.

## EXPEND IT CAPABILITIES SECURELY FURTHER TO THE EDGE

Securely deploy your containerized workloads in a hybrid environment with a single and comprehensive centralized management system up to the edge. Facilitate the the integration with business/operational processes.

Integrate the cutting edge confidential computing technology in edge nodes allowing to extend a trusted execution environment (TEE) from a central system located in a cloud or a central datacenter throughout the full edge solution.



### CONFIDENTIAL COMPUTING EXPANDING FROM THE CENTER TO THE SMALL EDGE FOOTPRINTS

ARCA trusted OS secures code execution through AMD Secure Encrypted Virtualization (SEV) enclave centrally and through Armv8/v9 TrustZone architecture at the edge. Only authorized code can access your data – meaning it’s protected in use, at rest, in transit anywhere along the distributed architecture.



### END-TO-END SECURE CONTAINER PLATFORM

- By-default authenticity and integrity checks of nodes for a secure architecture.
- Secure container deployment throughout the entire architecture .
- Centralized management systems with ARCA Trusted OS Kubernetes orchestrator.



### END-TO-END DATA SECURITY THROUGH THE PLATFORM:

- Confidential Computing at all nodes to protect your data in use or at rest
- Secure communication between nodes to protect data in transit



### LEVERAGE THE KUBERNETES AGILITY FOR BUSINESS AT THE EDGE

The agility of kubernetes with kubedge orchestrator, the centralized management and the security of confidential computing without modifying the coding of the workload and the possibility to engage directly at the heart of your business or the one of your partners.

## Industries



Healthcare



Industrial Automation



Smart Infrastructure



Energy



Space



Automotive



Finance

