



Contribution ID: 24

Type: **not specified**

## Windows device management at CERN: A new era

More than 10,000 Windows devices are managed by the Windows team and delegated administrators at CERN. Ranging from workstations on which scientists run heavy simulation software, to security-hardened desktops in the administrative sector and Windows Servers that manage some of the most critical systems in the Organisation –today these systems are managed using a unified MDM solution named CMF (Computer Management Framework), developed at CERN more than 20 years ago.

As the next step into the future generation of Windows device management, a new framework to manage Windows devices at CERN has been designed and is gradually being implemented, it leverages the two MDM systems from Microsoft, Intune and Configuration Manager, which allow for co-management of both desktops and servers. The new solution expands the functionality of the former system and aligns CERN's Windows park to industry best practices, facilitating its administration and reinforcing its security posture.

This presentation will describe CERN's path to implement both systems, including the technical challenges, such as the adaptation for interoperability with our open-source SSO, while maintaining compatibility with CERN's well-established Windows infrastructure.

### Desired slot length

30

### Speaker release

Yes

**Author:** FIROOZBAKHT, Siavas (CERN)

**Co-authors:** MARTIN ZAMORA, Pablo (CERN); KWIA TEK, Michal (CERN); SAMUEL, Jonathan (CERN - IT-CD-DPP)

**Presenter:** FIROOZBAKHT, Siavas (CERN)

**Session Classification:** Software and Services for Operation

**Track Classification:** Software and Services for Operation