

# International Sheet Metal Processing Equipment Manufacturer Simplifies Database HA with SkyCluster in Azure

## Case Study

### Challenge

Salvagnini Group undertook an ambitious project to move the IT infrastructure of its 22 companies in 20 countries across 3 continents, with 1,800 end users, to Azure IaaS.

The project scope included a mission-critical Oracle RAC database cluster that had to be lifted and shifted to the cloud platform in a compressed timeline, without risking unplanned downtime in the process or after the transition.

### Solution

FlashGrid worked with SoftJam, a distinguished Microsoft Partner chosen by Salvagnini Group to lead the project, to provide technical blueprint, implementation best practices, and infrastructure support processes for the cloud production database based on SkyCluster.

Database cluster configuration:

- Two Oracle RAC database nodes: D8s\_v3 VM type
- Data Store: 512 GB usable on Premium SSD disks
- Oracle Database Enterprise Edition ver. 12.2.0.1
- Oracle Grid Infrastructure ver. 12.2.0.1
- Red Hat Enterprise Linux 7
- FlashGrid Storage Fabric ver. 18.10
- FlashGrid Cloud Area Network ver. 18.10

### Results

Salvagnini Group successfully completed enterprise-wide migration to Azure IaaS cloud in a limited time frame by a planned deadline, including lifting and shifting a mission-critical Oracle RAC clustered database. The database cluster is now simpler to manage, while meeting availability requirements, and retaining compatibility with existing applications.

## salvagnini

Salvagnini provides innovative solutions in the field of machine tools and automation for flexible sheet metal processing.

The Group's state-of-the-art technologies are implemented in smart systems such as punching/shearing machines, panel benders, press-brakes, fiber laser systems, integrated FMS/FMC and automatic storage systems. Handling automation devices and proprietary software complement the highly flexible, Industry 4.0 compliant Salvagnini solutions.

[www.salvagninigroup.com](http://www.salvagninigroup.com)



Recognized with "Microsoft Partner of the Year" award, SoftJam is driving digital transformation for some of the most important Italian companies in retail, wholesale, banking and finance, insurance, manufacturing, healthcare and pharmaceuticals, and fashion and design industries.

[www.softjam.it](http://www.softjam.it)

*"SkyCluster proved to be a reliable solution that is easy to implement and support for us as a systems integrator."*

SoftJam

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