Windows Virtual Desktop
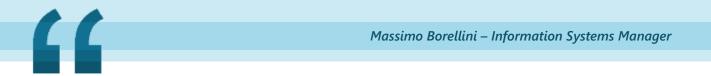## Azure VDI infrastructure

> **BPER BANCA**
> **BANKING**

Italy

By relying on a specialized partner such as Proge-Software, we have achieved the goal of having a complete, flexible IT platform, always technologically updated and managed with high levels of quality and safety.

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Massimo Borellini – Information Systems Manager

Benefit	Reduced implementation and management times of the solution
Partner	Proge-Software
Optimization	Cost reduction and flexibility increase
Microsoft contact Person	Carmelo Ferrara – Anna Cosmo
Scenario	COVID-19 emergency response
Business need	Fast implementation of a VDI infrastructure for smart working
Product	Windows Virtual Desktop

SUMMARY

In order to face COVID-19 emergency, BPER had to quickly setup and configure a VDI infrastructure to enable its workforce to work remotely. BPER wasn't keen to invest in the expansion of their on-prem infrastructure, mainly because of licensing costs and required implementation time. In this scenario they manifested their interest in Microsoft Windows Virtual Desktop offering.

BACKGROUND

BPER Banca S.p.A., is a bank present in 18 Italian regions with representative offices abroad. The Group is today a reality made up of four commercial banks, all independent in the various territories to which they belong. BPER already has a VDI infrastructure but has assessed it was more effective and convenient to create a parallel one on the cloud compared to upgrading the on-prem one.

THE CHALLENGE

With the imminent arrival of the emergency COVID-19 and the consequent lockdown, it was imperative for the success of the project to compress all its phases, shortening as much as possible all the activities of analysis and identification of the essential specifications and maximizing the effort to define priorities.

APPROACH

The approach adopted by the Proge and BPER teams was extremely flexible and allowed to break down the entire project into modules, assigning and working the tasks in order to parallelize the activities in all phases.

EXPECTED RESULTS

The goal of the project was the implementation and availability for BPER in a very short time of a complete, flexible VDI platform, always technologically updated and managed with high levels of quality and safety. An essential requirement for the infrastructure was the ability to support more than 5000 users to Go-Live.

OBSTACLES AND PROBLEMS

Given the emergency nature of the project, the functional requirements were not very detailed in the initial phase and were refined during the work. The work was facilitated in all phases by the constant support of Microsoft which made it possible to tackle and resolve the inevitable obstacles encountered along the way in a very short time.

EFFECTIVE RESULTS

In just three weeks, Proge has made available to BPER a complete, flexible, always technologically updated VDI infrastructure on Azure, managed with high levels of quality and safety, offering some features not initially included in the specifications, such as navigation via proxy and persistence of user profiles also in the RDP pool.

BENEFITS AND ADVANTAGES

This project allowed BPER to gain both economical advantages, in terms of cost licensing reduction and reduced CAPEX costs, and technical advantages, in terms of remote client app availability on different platforms, MFA and attack surface reduction, given the flexibility of Azure AD Security Services.

LIST OF LEARNING KEY POINTS FROM THE PROJECT

The reduced implementation times offered by Azure and the commitment of the work teams have enabled BPER to quickly offer its users the tools needed to work in smart working without reducing productivity and substantial investment costs linked to the on-site infrastructure. prem.