**SUN 63 / SUN 64 TECHNICAL ARCHITECTURE AND PLANNING**

You will need:

1 **Domain Controller Server**
2 **SunSystems Standalone Server (Application/Web/Report/Database)**

Following this approach, you can use the server as your remote client or you can also have different clients in the same network and in the same domain.

**Hardware and Software Requirements:**

1. **Domain Controller:***
   
   We may assume the Domain Controller Server already exists in your office. In case you need some recommendations we can suggest the following:

   **Processor:** Intel® Xeon® E3-1225 3.3Gz 1x8GB DDR4 1TB HDD DVDRW TPM or Similar

   **Operating System:** Microsoft Windows Server 2012 R2 or Microsoft Windows Server 2016 or Microsoft Windows Server 2019

   *Latest updates must be applied before starting the SunSystems installation process

   **Memory:** 4GB or 8Gb 2133MT/s DDR4 ECC UDIMM

   **Hard Drive:** 1TB (or less) 7.2K RPM SATA Entry 3.5in Cabled Hard Drive

2. **For Sunsystems Application/Web Server and Database/Report Server:**

   **Processor:** Intel® Core™ i7-7700 Processor (8M Cache, up to 4.20 GHz) or Intel® Xeon® or similar

   **Operating System:** Microsoft Windows Server 2012 R2 or Microsoft Windows Server 2016 or Microsoft Windows Server 2019

   **Memory:** 32 GB

   **Hard Drive:** We recommend RAID 1+0 4 Solid State Drives (SSDs) total with 500GB capacity each
SQL: Microsoft SQL Server 2016 or Microsoft SQL Server 2017

Antivirus Software: ESET (must be installed after SunSystems)
Never: Kaspersky, AVG, or Panda

Firewalls/Security Features: Windows Firewall should be disabled

UPS: Required with at least 20 minutes of backup

Office Version: 2010 to 2016/365 32 Bit (x86)
Never 64 Bit (x64)

Client Machines:
For Client Installation you want to have computers with 8GB RAM or more on Windows 8 or above.