



System Requirements

Check21 (formerly eTellerCheck21)

Description

The contents of this document discuss the minimum system requirements for the Check21 system with the currently installing versions:

- This server must be joined to same domain as the client workstations.
- The domain must have normal access to a fully functional Domain/Active Directory server.

As part of your project, specific requirements will be identified that take into account your organization's needs.

“Minimum Requirements”

The term minimum requirements should not be construed as the specifics required for your systems to run correctly.

In the absence of all other factors (e.g. other software running on the system or the processing volume of your FI), the minimum specs are operationally valid.

Ensure you factor in any additional software's minimum specs and added resources to this server's configuration as is appropriate. If you have questions, contact your Kinective project manager or installer.

Support

Environments must meet the minimum published requirements to qualify for Support. If you have questions about this, please ask prior to your installation dates.

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Server Requirements

Important Notices	<ul style="list-style-type: none">• The server specifications presented here are to be used as general minimum requirements and may differ based on factors such as your financial institution's size and volume of transactions.• Specifications are subject to change without notice.
System Types	<ul style="list-style-type: none">• Virtual – hosted via a VMware ESXi server• Virtual – hosted via a Microsoft Hyper-V server
System Resources	<ul style="list-style-type: none">• Servers are created as Virtual Servers at Kinective and downloaded as a fully installed (yet to be configured) server. Manual setup of these resources is not required.
Disk Space	<p>Drives need to be in some type of redundant storage (RAID array, SAN, etc.) to prevent downtime.</p> <ul style="list-style-type: none">• C (OS drive): At least 20GB of free space (after installing the OS and all Windows Updates).• E (Application drive): 60GB if you will manage (and increase as needed) drive space. 160GB if you will allocate space one time.
Hardware	<ul style="list-style-type: none">• 4 Cores (or VCPUs for VMware) @ 2.6 GHz or higher
RAM	<ul style="list-style-type: none">• 8 GB or more
Supported OS	<ul style="list-style-type: none">• Windows Server 2019 (Customer supplies the Microsoft OS License)
Applications	<ul style="list-style-type: none">• Google Chrome• .NET Framework v2.0 Service Pack 1• .NET Framework v4.5.x
Infrastructure	<ul style="list-style-type: none">• This server must be joined to same domain as the client workstations.• The domain must have normal access to a fully functional Domain/Active Directory server.

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Workstation Requirements

- System Types**
- Physical PC
 - Virtual Clients¹
 - Citrix
 - VMWare View
 - Thin Clients¹
 - Citrix
 - Microsoft Terminal Server
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- Hardware**
- General**
- Intel Dual Core with 4GB RAM or more
 - 2 GB+ free disk space
 - Monitor/graphics card running resolution 1920 x 1080 or better
 - Port for Scanner
 - USB 2.0 port (if USB connected)
 - Gigabit Ethernet port (if IP connected)
- Supported Scanners**
- Canon CR-120
 - Canon CR-120N
 - Canon CR-150
 - Canon CR-L1
 - MagTek Excella STX
 - SmartSource Expert Elite USB (SSX1-ELITE-FS-USB)
 - SmartSource Pro Elite 75 (SSP1-ELITE75)
 - SmartSource Pro Elite 155 (SSP1-ELITE155)
 - SmartSource TellerScan TS240
 - Epson TM-S9000
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- Supported OS**
- Windows 10 (or the equivalent in Thin Client server OS)
 - Windows 11 (or the equivalent in Thin Client server OS)
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- Supported Web Browsers**
- Firefox
 - Google Chrome
 - Microsoft Edge
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- Software**
- .NET Framework v4.5 or later
 - MS Visual C++ 2010 x86 Redistributable
 - Silver Bullet Ranger Driver v4.x for Check scanners
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- Infrastructure**
- Branches are network connected so workstations have access to the Check21 server
 - Workstations are joined to the domain with normal access to the Active Directory server
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¹. IP connected scanners may be required for Virtualized and Thin Client environments. Contact Kinective if you are unsure and need assistance.