

# Technology Guidelines for 30.99

## Momentum Cloud

### Virtual Desktop Environments

Ungerboeck recommends that browsers run directly on the local workstations. Virtual desktop environments (i.e. thin client, Remote Desktop, Citrix) are not supported as performance issues may occur.

### Desktop/Laptop Requirements

For optimal experience, desktops/laptops need to meet the following requirements. The Advanced Configuration is recommended for advanced use of Momentum Enterprise (Floor Plan, Room Diagramming, Financials reporting, bulk data updates, etc.) or for intensive use of multiple applications on the same device, especially those that are processor-heavy such as graphics, video or reporting/analysis software.

### Hardware Requirements

	Minimum Configuration	Advanced Configuration
Processor	Intel Core i5 (9th Generation or newer), 2.5GHz+ or equivalent, 15 Watt TDP or greater	Intel Core i7 (9th Generation or newer), 2.5GHz+ or equivalent, 25 Watt TDP or greater
Memory	8 GB (16 GB recommended)	16 GB
Hard Disk	7200 rpm (SSD recommended) Momentum Web Add-in requires 100 MB	SSD Momentum Web Add-in requires 100 MB
Monitor	1920 x 1080 or higher	
Network Speed	100 Mbps Ethernet highly recommended IEEE 802.11g (54 Mbps) or higher recommended for wireless connectivity	
Printer	Inkjet or Laser printer, preferably with color printing capabilities. Enterprise reports are designed for color printing but operate in black and white.	

## Software Requirements

Desktop Operating System	Windows 10 or Windows 11
Reporting	Crystal Reports 2016 Crystal Reports 2020
Outlook, Office and Excel Reporting Add-Ins	Microsoft Office 2016 and 2019 Office 365 Desktop Application
Payment Gateways <sup>+</sup>	CyberSource2 Simple Order API PayPal Payflow Pro TrustCommerce TC Link Authorize.NET

<sup>+</sup>Contact your Value Success Manger or Strategic Client Executive for alternate payment gateways. Alternate payment gateways may incur an additional charge.

## Browser & Device Requirements

### Desktop/Laptop

	Microsoft Edge (Chromium)	Google Chrome	Apple Safari
Windows	Fully Supported	Fully Supported	-----
Mac OS	-----	Supported <sup>1</sup>	Supported <sup>1</sup>

<sup>1</sup> No Web Add-In is available. You cannot print or add/edit documents.

### Tablet

	Microsoft Edge (Chromium)	Google Chrome	Apple Safari
Windows	Fully Supported	Fully Supported	-----
iOS	Fully Supported <sup>1+</sup>	Fully Supported <sup>1+</sup>	Fully Supported <sup>1+</sup>
ChromeOS	-----	-----	-----
Android	Fully Supported <sup>1+</sup>	-----	-----

<sup>1</sup> No Web Add-In is available. You cannot print or add/edit documents.

+ Some back office functionality is not available due to the screen size of certain tablets.

## Phone

	Microsoft Edge (Chromium)	Google Chrome	Apple Safari
iOS	Fully Supported <sup>1+</sup>	Fully Supported <sup>1+</sup>	Fully Supported <sup>1+</sup>
Android	Fully Supported <sup>1+</sup>	Fully Supported <sup>1+</sup>	-----

<sup>1</sup> No Web Add-In is available. You cannot print or add/edit documents.

+ Some back office functionality is not available due to the screen size of certain phones.

## Outlook, Office and Excel Reporting Add-Ins

See [Install the Microsoft Outlook, Office & Excel Reporting Add-In](#) for compatibility and installation instructions.

	Outlook Add-In	Office Add-In	Excel Reporting Add-In
Windows PC	Fully Supported	Fully Supported	Fully Supported
Apple Mac	-----	-----	-----
Tablet	-----	-----	-----
Phone	-----	-----	-----