



RM Assessment Master and Talview Secure Browser – system requirements

Table of Contents

Introduction	2
Recommended Bandwidth	2
Important Network Notes.....	2
Recommended & Supported Devices	3
Minimum System Specification	3
Screen size notes.....	3
Operating Systems	4
Software Updates	4
Remote Proctoring.....	4
Supported browsers.....	4
Talview Secure Browser	5
Download link	5
Secure Browser Auto-Update Behaviour.....	5
Installation Considerations	5
Granting Device Permissions	5
After the exam	6
Firewall and Proxy Configuration.....	6
Overview	6
Domain Whitelisting	6
Accessibility Checklist	7
Top Tips for the Best Experience	7

Introduction

Our exams will be delivered using RM Assessment Master, with recorded proctoring services delivered by RM's partner, Talview.

During the examination, your screen will be recorded and video/audio footage of you will be recorded using your webcam and microphone.

The Talview Secure Browser will need to be downloaded onto your device. RM Assessment Master runs online, and no additional download is required for Assessment Master itself.

This document provides the supported hardware and software specification for running RM Assessment Master, and proctored exams via Talview.

You must ensure that your device meets or exceeds this specification, and you must ensure you have access to a good broadband service.

Recommended Bandwidth

You will need a **minimum dedicated bandwidth of 5 Mbps** (upload and download).

Further metrics are outlined in the table below:

Network Metric	Minimum Requirement	Recommended Requirement
Latency	< 150ms	< 80ms
Jitter	< 30ms	< 20ms
Packet Loss	< 1%	0%
Connection Type	Wi-Fi acceptable, Ethernet preferred	Ethernet strongly recommended

Important Network Notes

- Wired (Ethernet) connections are not essential but are preferred in order to minimise video transmission issues.
- Secure Browser sessions are sensitive to latency, jitter, and bandwidth dips, meaning a wired (Ethernet) connection is strongly encouraged.
- Disable VPNs and close any bandwidth-heavy background apps (e.g., cloud sync, streaming, large downloads) during the exam session.
- If using lower-than-recommended bandwidth, downloading files, moving between questions, and general navigation will be slower.
- If multiple users share an internet connection, the bandwidth available to each person is reduced, and the experience may deteriorate - especially if others are streaming or gaming.

Recommended & Supported Devices

Below are devices and platforms that RM Assessment Master can be used on.

Minimum System Specification

Component	Minimum Requirement	Recommended Specification
Processor (Windows)	Intel i3 or better	6 CPU cores or higher, ≥ 2.5 GHz
Processor (macOS)	Apple Silicon M1 or better	6 CPU cores or higher, ≥ 2.5 GHz
RAM	4 GB or higher (at least 2 GB free before launch)	8 GB or higher (at least 4 GB free)
Graphics	512 MB internal / 1 GB external graphics memory	1 GB internal / 1.5 GB external graphics memory
Multimedia	Sound card, Microphone, Webcam (15fps, 320×240)	Full HD webcam, noise-cancelling mic
Disk Space	10 GB free or 10% of total capacity	20 GB free
CPU Idle Usage	Below 30% before test launch	Below 15% for smooth proctoring
Power Backup	Recommended for uninterrupted tests	Recommended for uninterrupted tests
Screen Size	Content dependent*	Content dependent*

Screen size notes

*Note: Minimum screen resolution/size requirements are dependent on how our exam content displays on your device. We will provide a link to a practice test prior to your exam so that you can test how it displays and consider whether you need to adjust your screen resolution. Our internal testing has not revealed any issues to suggest that candidates would need to use anything other than standard recommended display settings (often 1920 x 1080).

You will only be allowed to use **one screen** during your examination.

- If using a **desktop computer**, this will be a single monitor connected to the desktop. You will need an external webcam and audio/microphone if your monitor does not have them built in.

- If using a **laptop computer** and you choose to use an external monitor attached to a laptop, the internal screen for the laptop must be **disabled** (for example, it is insufficient to close the laptop lid). You would also need to check whether disabling the screen on the laptop disables other functions, such as your webcam and audio/microphone. If this is the case, you would need to supply a separate webcam and audio/microphone. We would therefore strongly recommend using your laptop's internal screen.

Operating Systems

Platform	Supported Versions
Windows	11 (25H2, 24H2, 23H2)
macOS*	26, 15, 14

*We are aware that there is a MacOS update due for release in September 2026. We are seeking confirmation from RM that this will be supported.

Software Updates

To ensure your operating system software is kept secure, users need to check for and install updates on your device at least every month.

For Windows and Mac computers, you need to ensure automatic updates are enabled for your chosen browser(s) so that the latest browser version is installed.

Remote Proctoring

During the examination, your screen will be recorded and video/audio footage of you will be recorded using your webcam and microphone.

Candidates will need:

- Speakers
- Microphone
- Camera

Supported browsers

You will need to have either Chrome or Edge browser installed on your device to run your exam. The Talview Secure Browser works in conjunction with one of these browsers (limiting the functionality of your browser for the duration of the examination, for example by restricting access to the internet except for permitted sources and restricting your ability to open other

applications).

Browser	Versions	Support
Chrome	147, 146, 145	Recommended
Edge	146, 145, 149, 148	Supported
Talview Secure Browser	Latest version	Required for Secure Browser proctoring in addition to Chrome or Edge

Talview Secure Browser

Our exams will be delivered using the Talview Secure Browser (SB), which enforces a locked-down test environment by restricting access to unauthorised applications, sites, or system functions during the test. This browser is only supported on Windows and MacOS devices.

Download link

See link: <https://pages.talview.com/securebrowser/>

Secure Browser Auto-Update Behaviour

- Checks for updates at each launch.
- Downloads and installs the latest version automatically before the test.
- You should launch the Secure Browser at least 15–20 minutes before the scheduled start time.

Installation Considerations

- Organisation-managed devices may block the Secure Browser via policy restrictions or admin lockout.
- Coordinate with IT teams in advance to allow installation and updates.
- You will need administrator privileges to install and auto-update the Secure Browser.
- You must grant required device permissions - Camera, Microphone, and Screen Recording - via system settings before launching the Secure Browser. (Instructions below)

Granting Device Permissions

- Windows: Confirm permissions under Settings > Privacy > Camera / Microphone / Screen Recording.
- macOS: Navigate to System Settings > Privacy & Security > Camera / Microphone /

Screen Recording and manually enable access for Talview Secure Browser.

Important: Failure to grant permissions will prevent exam sessions from launching successfully.

After the exam

You may uninstall the Talview Secure Browser after all examinations in the session have been completed. You would then need to reinstall the latest version if you are sitting exams at a later session.

Firewall and Proxy Configuration

We strongly recommend that candidates avoid use of corporate devices for sitting remotely-proctored exams, to avoid issues with firewalls blocking access to the exam.

If you do have a firewall, the following guidance should be followed to ensure that your exam will run smoothly. We understand that it is unlikely that candidates using their own devices will experience issues with access to relevant domains being blocked, but it is your responsibility to check your device in advance of the exam, including ensuring you can access the practice test – a link to which will be published on our website.

Overview

The RM Assessment Master platform communicates with multiple services and endpoints to enable real-time proctoring, secure content delivery, analytics, and user authentication. To ensure full platform functionality across all proctoring types and delivery modes, the following domains, ports, and IP addresses must be whitelisted at your organisation's firewall and proxy gateways.

Secure Browser Note: The secure browser requires uninterrupted access to Talview domains and media endpoints. Blocking these may prevent the secure browser from launching tests or streaming video/audio correctly.

Domain Whitelisting

Ensure the following domains and ports are accessible over HTTPS (443) and HTTP (80) from all candidate machines:

Host	Ports	Purpose/Service
`*.sonet.com.au`	443, 80	RM Assessment Master Core Services
`*.sonet.net.au`	443, 80	RM Assessment Master Core Services
`*.amazonaws.com`	443, 80	Content Delivery

Host	Ports	Purpose/Service
`*.assessor.rm.com`	443, 80	Assessment Services
`*.talview.com`	443, 80	Core Application Services
`*.proview.io`	443, 80	Proctoring Services
`*.talview.nz`	443, 80	Regional Access (APAC)
`*.tlv.sh`	443, 80	Content Delivery & Secure Access
`*.twilio.com`	443, 80	Communication APIs (Voice/Video)
`*.livekit.cloud`	443, 80	Live Video/Audio Infrastructure
`*.firebase.database.app`	443, 80	Backend Data Access
`*.freshdesk.com`, `*.freshchat.com`	443, 80	Help centre access

Accessibility Checklist

Checklist	Links/Notes
JavaScript enabled in the browser	Chrome: https://activatejavascript.org/en/instructions/chrome#instructions Edge: https://activatejavascript.org/en/instructions/ie#instructions
Active internet connection	Required
Power supply	All port

Top Tips for the Best Experience

- Ensure that your device meets or exceeds the supported specification.
- Close software applications or browser windows that you are not using. Closing these can free up memory and processing power to achieve a better experience.
- Check that your bandwidth is sufficient for your needs, for example using <http://www.speedtest.net>, and ensure that connectivity used by others allows you sufficient bandwidth for RM Assessment Master.
- Set background activities that will consume bandwidth or processing power, for example software updates, to run at a time when you are not using your computer.