STN® Product System Requirements

This document contains system requirements for STN products including:

- Requirements for STNext™
- Requirements for New STN® platform
- Requirements for STN Express® and STN® on the Web℠
- Requirements for STN Easy® and STN® AnaVist™
- Requirements for PatentPak® in STN Express

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STNext™

Operating System (OS) and Browser Support

✔ = supported

Windows	Internet Explorer 11	Edge 13+	Firefox 45+	Chrome 52+
Windows 7	✔		✔	✔
Windows 8.1	✔		✔	✔
Windows 10	✔	✔	✔	✔

Macintosh	Safari			Firefox 45+	Chrome 52+
	8	9	10		
OS 10.10	✔	✔		✔	✔
OS 10.11		✔		✔	✔
OS 10.12			✔	✔	✔

Hardware
- Recommended monitor resolution is 800x600 pixels or higher.
- Recommended screen size is maximized.

Software
- JavaScript must be enabled.
- The ability to make a secure web connection to https://next.stn.org/ connection is similar to the connection a web browser makes and uses HTTPS (secure HTTP) and communications port 443.

New STN Platform

Hardware Support

Computer
- 3GHz Core Duo CPU
- 2 GB RAM

Software Support

Recommended Systems and Browsers
- Windows 7: Internet Explorer 8 or higher; Firefox 45 or higher; Chrome 44 or higher
- Windows 10: Internet Explorer 11 and Edge; Firefox 45 or higher; Chrome 52 or higher

Internet Connection Requirements:

Check with your organization's Site Administrator, Key Contact, or help desk before changing any settings to conform to these requirements.

- SSL connection using https://www.stn.org/stn/
- http connection on port 80 to chemport.cas.org for full-text linking

Additional Recommendations and Requirements:
- JavaScript and cookies must be enabled.
- Add https://www.stn.org/stn/ to your browser's "Trusted Sites" and Pop-up blocker Exceptions lists.
- A PDF reader is required for printing STN answers and other information. Adobe Reader can be used with Windows computers.

STN Express®

Hardware Support

Computer
- Microsoft® Windows® compatible PC
- Minimum: Pentium® 4 (2.4 GHz)
- Recommended: Intel compatible multi-core processor (2.0+ GHz preferred)

Memory (Minimum)
- 512 MB RAM or recommended minimum for your operating system if higher
- 768 MB RAM to use CAS Registry BLAST, Analyze Plus or post-processing tools
- 2+ GB RAM (recommended)

Available Hard Disk Space
- 205+ MB
- 190 MB required when installation includes CAS Registry BLAST and Merged Markush Service (MMS)
- 15+ MB recommended for transcripts, tables, reports, etc.

Network Connections
- Connection to STN requires either the telnet protocol through port 23 (standard Winsock connection) or the HTTPS protocol through port 443 (SSL/VPN connection)
- Automatic updating of support files and access to online Help requires an HTTP application-level connection through port 80
- Access to CAS REGISTRY BLAST requires an HTTPS application-level connection through port 443
- Access to CAS Full Text Options requires either an HTTP application-level connection through port 80 or an HTTPS application-level connection through port 443 (based on user preference)
- PatentPak™ Interactive Viewer requires either HTTP or HTTPS application-level connection through port 80 or 443

Software Support

Operating System and Web Browser
- Microsoft Windows 7 (Windows 7 Starter version is not supported), Windows 8 or 8.1 and Windows 10 (STN Express 8.6 only)
- Microsoft Internet Explorer®, Version 9.0 or higher, or Mozilla® Firefox® Version 45 or ESR Version 45 or higher, Chrome 44 or higher. (Note: Chrome 45 and Firefox 52 or higher do not support Java) (Note: Older browser versions will support Full-text options but not PatentPak)
- ActiveX®, Java™ and JavaScript™ must be enabled

Additional Software
- Microsoft Excel® 2003, 2007 or 2010 for the Analyze Plus Wizard or CAS Registry Number® and Role Report Wizard
- Adobe Reader for viewing PDF outputs for tables, reports and transcripts

Operating System (OS) and Browser Support

✔ = supported

Windows	Internet Explorer				Edge +++	Firefox ++	Chrome +
	8	**9** *	**10** *	**11** *			
Windows 7		✔	✔			✔	✔
Windows 8			✔ #			✔	✔
Windows 8.1				✔ #		✔	✔
Windows 10				✔	✔	✔	✔

* = 32-bit version only

\# = Desktop version only

+ = Structure Drawing and BLAST Plugins are not supported in Chrome Version 45 and higher

++ = Structure Drawing and BLAST Plugins are not supported in Firefox Version 53 and higher

+++ = Structure Drawing and BLAST Plugins are not supported in Edge

Hardware

- Recommended monitor resolution is 800x600 pixels or higher.
- Recommended screen size is maximized.

Software

- JavaScript must be enabled.
- A free graphical structure search browser plug-in is available for Windows platforms.
- A free BLAST sequence search browser plug-in is available for Windows platforms. The BLAST application has the following additional hardware requirements:
  - At least a 200MHz processor
  - A minimum of 128MB of RAM (256MB recommended)
  - The ability to make a secure web connection to scifinder.cas.org. This connection is similar to the connection a web browser makes and uses HTTPS (secure HTTP) and communications port 443.

Operating System (OS) and Browser Support

✔ = supported

Windows	Internet Explorer				Firefox	Chrome
	9	**10**	**11**	**Edge**	**45 or higher**	**44 or higher**
Windows 7	✔	✔	✔		✔	✔
Windows 8	✔	✔	✔		✔	✔
Windows 10		✔		✔	✔	✔

Macintosh	Safari	Firefox	Chrome
OS X 10.8 or higher	9.0 or higher	45 or higher	44 or higher

Hardware Support

Computer
- Microsoft Windows compatible PC with at least a 1.5 GHz Pentium-class or equivalent processor
- Recommended: Intel compatible multi-core processor (2.0+ GHz preferred)

Memory (Minimum)
- 768 MB (RAM) minimum or operating system minimum if higher.
- 2+ GB or greater is recommended

Available Hard Disk Space
- 110 MB for installed software
- Up to 220 MB for installation

Connection
- Secure Sockets Layer (SSL, HTTPS) is used to establish a secure connection through port 443
- A broadband connection of 1 Mbps or faster, or a business-to-business Virtual Private Network (VPN) link to CAS, is recommended for optimal performance.

Monitor and Printer
- SVGA color monitor with minimum screen resolution of 1024x768 and 16 bit (65,000) colors
- High-quality laser or ink jet printer recommended

Software Support

Operating System

- Windows 7
- Windows 8 or 8.1
- Windows 10

Supported Web Browsers
- Microsoft Internet Explorer (MSIE), version 8 or newer (ActiveX, Java™, and JavaScript™ enabled)
- Mozilla Firefox, version 44 or newer (Java and JavaScript enabled)
- Chrome 44 or newer (Java and JavaScript enabled)

Software Needed to View Saved Answers and Reports
- RTF viewer such as Microsoft Word, PDF viewer such as Adobe Reader v6 or newer.