



# STN<sup>®</sup> Product System Requirements

This document contains system requirements for STN products including:

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

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## Operating System (OS) and Browser Support

✓ = supported

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

Macintosh	Safari			Firefox	Chrome
	8	9	10	45+	52+
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 38 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](http://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 XP™ SP3, Vista®, 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 31 or ESR Version 24 or higher, Chrome 36 or higher. (Note: Chrome 45 or higher does 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
- QuickTime 7 for viewing images in STN Express transcripts
- Adobe Reader for viewing PDF outputs for tables, reports and transcripts



## Operating System (OS) and Browser Support

✓ = supported

Windows	Internet Explorer					Edge +++	Firefox ++	Chrome +
	6-7	8	9 *	10 *	11 *			
XP	✓	✓					✓	✓
Vista		✓	✓				✓	✓
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
	6-7	8	9	10	10-16	17-22	23-28
XP	✓	✓			✓	✓	✓
Vista		✓	✓		✓	✓	✓
Windows 7			✓	✓	✓	✓	✓
Windows 8				✓		✓	✓

Macintosh	Internet Explorer	Safari			Firefox		
	5.2	2.0	3.0	4.0	1.x	2.x	3.x
OS 9/Classic	✓						
OS X		✓	✓	✓	✓	✓	✓



## 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 XP (SP3™)
- Windows Vista™ (Business, Enterprise, and Ultimate editions)
- Windows 7
- Windows 8 or 8.1

### Supported Web Browsers

- Microsoft Internet Explorer (MSIE), version 7 or newer (ActiveX, Java™, and JavaScript™ enabled)
- Mozilla Firefox, version 17 or newer (Java and JavaScript enabled)
- Chrome 23 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, version 6.0 or newer