



# **SECURE G2G**

## SUBMITTER HARDWARE REQUIREMENTS

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Orange County Clerk-Recorder Department

## Summary

The purpose of this document is to set forth hardware requirements for government submitters that will be participating in SECURE Government to Government (G2G). The extent of the hardware required to submit documents to counties that are participating in SECURE G2G is:

1. A computer
2. A monitor, keyboard and mouse
3. A scanner
4. A hardware token assigned to each submitter
5. Hardware sufficient for a fire walled Internet connection
6. Surge suppressor power strip

Software requirements are not covered in this document, but are reasonable to accommodate security and functionality.

## Submitter Workstations

In the interest of providing outstanding customer service and maintaining a rapid operational flow, SECURE G2G submitter workstations require robust hardware. Workstations will be required to scan documents and run the submitter client software only. Workstation RAM requirements will vary depending on the number of pages in the scanned document. See below chart.

<b>Number of Pages in Scanned Document</b>	<b>Required RAM</b>
15 or less	2 GB
15 to 40	3 GB
Greater than 40	4 GB

Other workstation requirements are as follows:

### ***G2G Submitter Workstation Hardware Requirements***

1. RAM – varies (see above chart)
2. Processor Type – Intel Pentium 4 equivalent or greater
3. Processor Speed – 2.50 gigahertz or greater
4. Hard Drive Type – any SATA, SAS or PATA drive
5. Hard Drive Size – 250 gigabytes or greater
6. PCI Video Card.
  - a. Capable of 1024 x 768 or higher resolution @ 256 colors
  - b. 8 MB of on board video memory or greater
7. 10/100 Base-T (or greater) Network Card

**Laptop computers are not acceptable for submission to SECURE G2G and will not be supported.**

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## Scanner

SECURE G2G Submitter software will work with most TWAIN compatible scanners. Scanning will be bitonal at 300 dpi and CCITT Group 4 compression. SECURE G2G currently recommends Fujitsu scanners. The volume of scanning should be taken into consideration when selecting a scanner to use for electronic submission of documents. Areas to scrutinize are scanning speed (pages per minute), ADF capacity and duty cycle. Please refer to the manufacturer's documentation to obtain this information for your scanner.

## Hardware Token

Each individual G2G submitter who logs in to submit documents for recording electronically to SECURE G2G will need a hardware token. The token will correspond to the individual who has been approved to submit documents to participating counties through SECURE G2G.

## Internet Connection Hardware

An Internet network connection will be required for initial registration and submitting documents electronically for recording with participating counties. The bandwidth of the connection should correspond to the volume of documents that will be submitted for recording to participating counties. Anything slower than a 350 kb/s upload speed Internet connection is unacceptable and is an unsupported configuration for use with SECURE G2G.

General areas of focus are the prevention of unauthorized connections and the detection of possible intrusions. The Internet connection is required to incorporate a stateful packet inspection fire wall to be located between the Internet and the workstation.

The Internet connection also needs to be able to support remote support connections. SECURE G2G support staff are currently using GoToMeeting to provide attended remote support.

## Surge Suppressor Power Strip

A power strip with surge suppression capability needs to be used to protect the system from electrical power spikes. The power strip should have an AC suppression joule rating of 600 joules or higher and a response time of less than 1 nanosecond.