GeoComm Dispatch Map System Requirements

The following system requirements must be met for GeoComm Dispatch Map version 1.7.

Workstation requirements

Each GeoComm Dispatch Map license requires a workstation meeting the following requirements:

System Component	Requirement
Operating system	Windows 10, 64-bit Note: Windows updates should be current and regularly updated.
Microsoft .NET framework	Microsoft .NET Framework 4.8 or newer
Input Device	Keyboard and mouse or touchpad
CPU	2.5 GHz quad core or faster Note: The recommendation for local aerial imagery is 4 cores, with 10 cores being optimal.
Available Hard Drive Space	80 GB or more
RAM	8 GB or more; 2 - 4 GB dedicated Note: The recommendation for local aerial imagery is 8GB, with 16+GB being optimal.
Graphics Card	1 GB or more dedicated graphics RAM; Support DirectX 11 Direct3D feature level 9_3 or newer Notes: The video card driver needs to have the latest available updates. The recommendation for local aerial imagery is to have dedicated graphics memory of 4GB or more.
Display	1400 x 1050 resolution or higher
PowerShell	4.0 or higher

Notes: Local aerial imagery file sizes vary depending upon the resolution, compression, file type, and geographic area covered. Additional hard drive space on each workstation is required for aerial imagery datasets larger than 60 GB.

Gen 6 and later CPUs from Intel must run an OS of Windows 10 due to a limitation with USB3 displaylink driver support.

Internet requirements

Internet access is required to use the following GeoComm Dispatch Map features:

- ArcGIS World Aerial Imagery
- Querying RapidSOS NG9-1-1 Clearinghouse
- ArcGIS World surrounding county maps

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- ArcGIS World search

- Configurable externally hosted aerial imagery services for GeoComm Dispatch Map Standard license level

- Pictometry Connect for GeoComm Dispatch Map Standard license level

    Note: Proper licensing with EagleView for access to Pictometry Connect is required.

Bandwidth should meet the following requirements based on the number of GeoComm Dispatch Map workstations that will be accessing these features:

Number of workstations	Bandwidth for mapping in Megabits per second (Mbps)
1 - 3	1.5 Mbps or higher
4 - 6	3 Mbps or higher
7 - 10	5 Mbps or higher

Server requirements

A server or a Virtual Machine (VM) meeting the following requirements is required for the system:

System Component	Requirement
Operating system	Ubuntu Desktop 20.04 LTS 64-bit
Display	1400 x 1050 resolution or higher
Input Device	Keyboard and mouse
CPU	2.5 GHz quad core or better
Available Hard Drive Space	250 GB or more
RAM	8 GB or more dedicated Note: If virtualized, 8 GB or more is required for the VM. Additional RAM to support virtual environment will be required.
Internet bandwidth	1.5 Mbps

For connection to 9-1-1 call handling equipment or receive an ANI/ALI feed:

- A Digi One SP model is required to receive and display 9-1-1/ALI data: https://www.digi.com/products/models/70001851

- Alternatively, a Digi PortServer TS model along with an adapter is required if the agency receives ANI/ALI feeds from multiple sources and/or requires an ANI/ALI feed split

    o Digi PortServer TS model: https://www.digi.com/products/models/70002041

    o RJ-45 to DB-9 male adapter: https://www.digi.com/products/models/76000240