Timeshift Solutions Inc.
Recommended Hardware Specifications:

These recommendations are guidelines to ensure efficient and smooth operation of OPES in your environment. We strongly suggest that when purchasing new systems for your office that you meet or exceed these specifications. If you are unsure about anything in the document or if you have existing hardware and would like to confirm compatibility then please contact our support line at **1-866-817-0052** and ask one of our technical specialists.

NOTE If you office has less than 5 workstations then you will not require a dedicated server.

NOTE The ideal workstation configuration will be 64bit; However, some 3rd party software products are not compliant with 64bit. NOTE – most vendors are 64bit compliant. Verify that any IOCs (Intra oral cameras), PAN, digital sensors and other corresponding software packages have 64bit drivers and are compliant.

Workstations:

	Recommended
Processor	Intel Core i3 or higher
Memory (RAM)	4GB
Hard Drive	250GB
Monitor	22" LCD/LED Widescreen or greater
Operating System	Windows 7 / 10 PRO (32bit or 64bit) ***NOTE*** Windows 10 is still a new operating system. Updates will come frequently and may cause unexpected behavior in older third party applications
Network Device	100/1000 NIC
Internet Connection	Highspeed internet connection is required for OPES.
Claims Submission	iTrans
Modem	US Robotics 56K Internal or External ***NOTE*** Modem support for EDI Claim submission is being terminated on Sept 30, 2017. Offices should contact our support team to facilitate transition to iTrans WELL before this date.
Power Protection	UPS is not required but strongly recommended to protect against blackouts and brownouts
Security	Microsoft Security Essentials (Minimum) ***NOTE*** Any software firewalls will have to be disabled to ensure complete compatibility.

Workstation as a Server (for offices with 5 or fewer workstations):

	Recommended
Processor	Intel Core i5 or higher
Memory (RAM)	8GB
Hard Drive	If not using Digital Imaging: 2x500GB(Configured in RAID1) If using Digital Imaging: 2x1TB(Configured in RAID1)
Monitor	22" LCD/LED Widescreen or greater
Backup	2x Removable Storage Device (i.e. External HDD, USB Key) -OR- Remote Backup Service + 1 Mass Removable Storage Device
Operating System	Windows 7 / 10 PRO (32bit or 64bit) ***NOTE*** Windows 10 is still a new operating system. Updates will come frequently and may cause unexpected behavior in older third party applications
Network Device	100/1000 NIC
Office Networking	Business Grade Gigabit Router/Switch
Internet Connection	Highspeed internet connection is required for OPES.
Claims Submission	iTrans
Modem	US Robotics 56K Internal or External ***NOTE*** Modem support for EDI Claim submission is being terminated on Sept 30, 2017. Offices should contact our support team to facilitate transition to iTrans WELL before this date.
Power Protection	APC UPS with sufficient wattage to allow for a complete shutdown.
Security	Microsoft Security Essentials (Minimum) ***NOTE*** Any software firewalls will have to be disabled to ensure complete compatibility.

Dedicated Server (for offices with more than 5 workstations):

	Recommended
Processor	Intel Xeon E3 or higher
Memory (RAM)	8GB
Hard Drive	If not using Digital Imaging: 2x500GB(Configured in RAID1) If using Digital Imaging: 2x1TB(Configured in RAID1)
Monitor	Any Widescreen or greater
Backup	2x Removable Storage Device (i.e. External HDD, USB Key) -OR- Remote Backup Service + 1 Mass Removable Storage Device
Operating System	Windows Server 2008 / 2012 R2
Network Device	100/1000 NIC
Office Networking	Business Grade Gigabit Router/Switch
Internet Connection	Highspeed internet connection is required for OPES.
Claims Submission	iTrans
Modem	US Robotics 56K Internal or External *NOTE* modems are only supported for practices in Alberta. We require practices in other provinces to switch to **iTrans** for electronic claims submission!
Power Protection	APC UPS with sufficient wattage to allow for a complete shutdown.
Security	Microsoft Security Essentials (Minimum) *NOTE* Any software firewalls will have to be disabled to ensure complete compatibility.

NOTE Offices that have more than 20 computers should strongly consider a server that has 2 processors. This is not a requirement for OPES but a recommendation. Check with your computer management staff for more information.