

HARMONY[®]

Clinical Data Management



A simple clinical data management solution so you can focus on what matters:
driving better patient outcomes



Data Management
+ Communication.
Simplified.

Streamline your practice workflow
with an all-new user-interface that leverages
Topcon's extensive instrument knowledge and
displays your data in clinically meaningful ways.



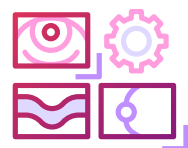
Topcon Harmony's intuitive design streamlines your practice workflow and organizes all your data within a single screen.

Securely access patient information from a PC or mobile device and perform a historical comparison while scrolling through OCT images, fundus photos, and visual field reports. Discover the next generation in data management and start displaying your clinical data in meaningful ways with Topcon Harmony.



Improve Operational Efficiency

Harmony's EMR connectivity eliminates the need to enter patient information at each instrument, so you can streamline your workflow, minimize transcription errors and reduce the need for instrument-specific software.



Customizable Clinical Views

Harmony provides **a complete picture of the patient's eye health on a single screen.** The clinical views can be easily customized by disease entity, so you see only the information needed to make a diagnosis or treatment decision.



VENDOR NEUTRAL CONNECTIVITY

Connect all your devices regardless of their type and brand.



CUSTOMIZABLE REPORTING

Create layouts for pre-selected examination items, adjust images, increase efficiency and productivity within your staff.

KEY FEATURES AT A GLANCE



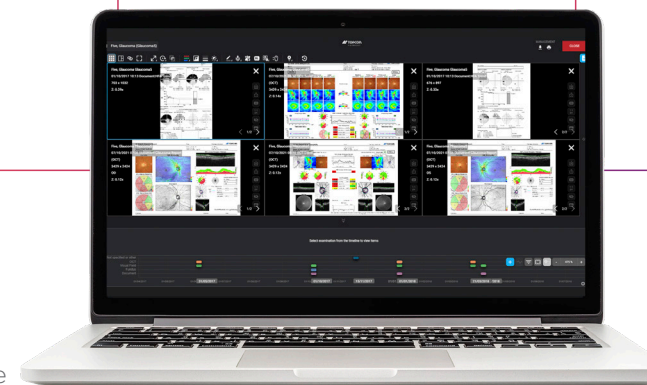
TIMELINE VIEW

Get an overview of the patient's examination history, and easily navigate between examinations and images.



INTEGRATIONS

Seamless integration to examination devices, EMR's and other information systems such as PACS and National Health Records.



TELEHEALTH PORTAL

Secure portal for 2nd opinion consulting and referrals.



SECURE BROWSER-BASED ACCESS

Secure and store data to be easily accessible via a browser from anywhere & anytime.



ANALYTICS

Tools for clinical analytics and business intelligence.

TECHNICAL REQUIREMENTS

ARCHIVE SERVER

MINIMUM SPECIFICATIONS

Processor Performance Level	4 Cores 64bit
RAM	4GB
Hard Drive	60GB + Data Storage
Operating System	Debian Linux 9
Other	MariaDB 10x

Archive server is used for image and examination storage and must have expandable mount point for actual file storage. Depending on the usage storage size is from 100GB up to several terabytes.

APPLICATION SERVER

Processor	4 Cores, 64 bit
RAM	4GB
Hard drive	60GB
Operating System	Debian Linux 9
Program Language	Java 8 (Java 11 is recommended)

Application server is used for Harmony RS web interface.

WORKSTATION

Processor	i3 7th gen dual core, i5 4th gen quad core
RAM	4GB
Display	Full HD (1920x1080) Resolution Monitor
Browser	Chrome (recommended)
Network Connection	100 mbps (recommended), 5 mbps (minimum)

Recommended upgrades: 8Gb RAM, SSD, WQHD 2560x1440 resolution monitor

INTEGRATION SERVER

Processor Performance Level	2 Cores 64bit
RAM	4GB
Hard Drive	60GB
Operating System	Debian Linux 9 or Windows Server
Program language	Java 8

DATA CENTER

Network Connection	100 mbps (recommended), 5 mbps (minimum)
Power redundancy	UPS and generator (ANSI/TIA 942-A 2014 TIER1)
Network connection redundancy	Two (2) different internet service providers
Other	Access to server Management, adequate support

SUPPORTED LANGUAGES

Arabic	English	German
Chinese	Estonian	Norwegian
Danish	Finnish	Spanish
Dutch	French	Swedish

*The system requirements outlined in this document are specific to Harmony Referral System v. 3.3

Streamline your practice workflow and discover the next generation in clinical data management today. Visit topconhealthcare.com/harmony for more information.

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 **TOPCON Healthcare**
 SEEING EYE HEALTH DIFFERENTLY