HARMONY®
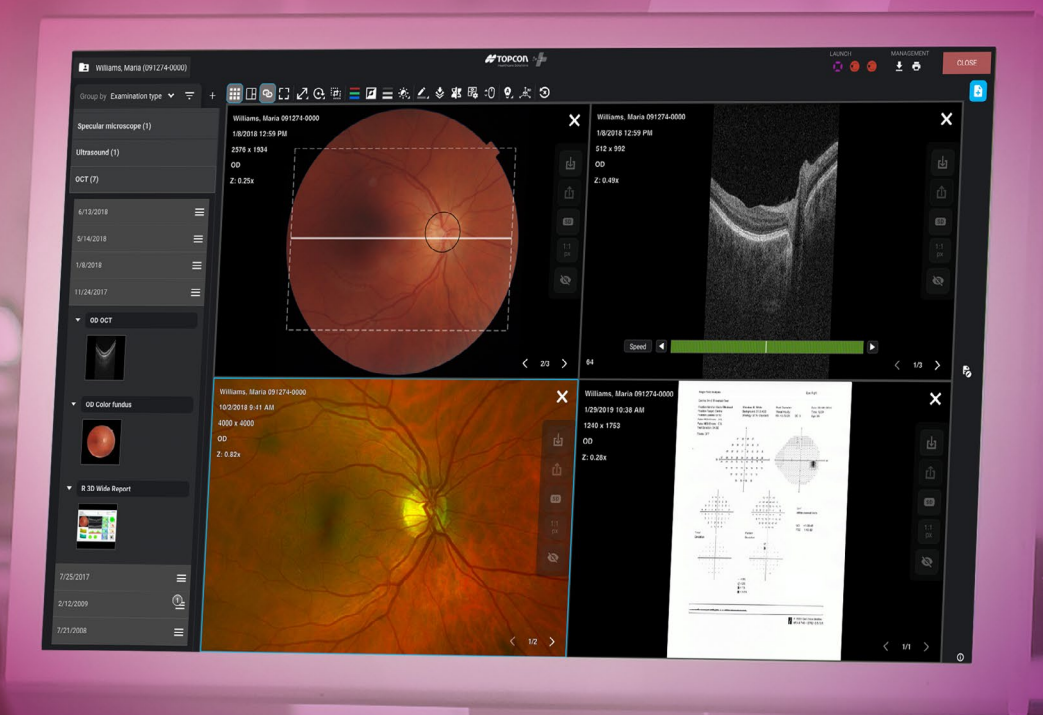
Clinical Data Management

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

TOPCON Healthcare

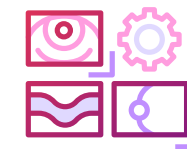# Data Management
+ Communication.
Simplified.

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.

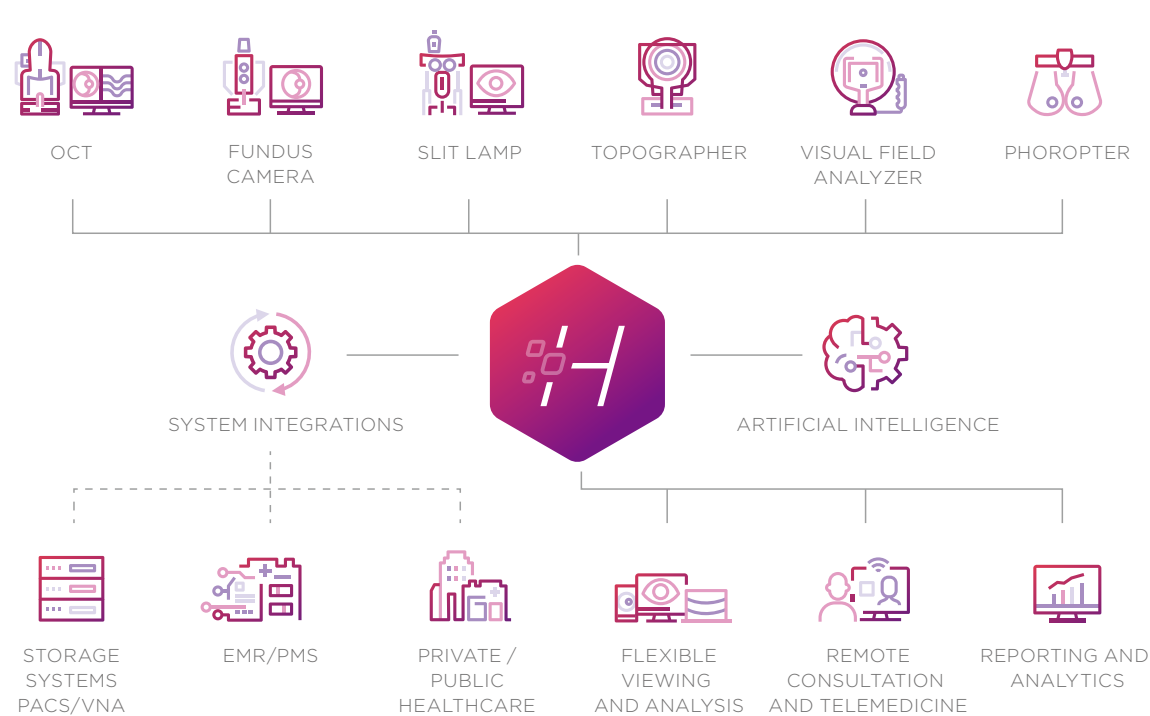### Improved Usability with Customizable Clinical Views

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

Harmony is a vendor neutral platform that offers users an easy and seamless workflow for viewing examination data from different devices.

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.

OCT

FUNDUS CAMERA

SLIT LAMP

TOPOGRAPHER

VISUAL FIELD ANALYZER

PHOROPTER

SYSTEM INTEGRATIONS

ARTIFICIAL INTELLIGENCE

STORAGE SYSTEMS PACS/VNA

EMR/PMS

PRIVATE / PUBLIC HEALTHCARE

FLEXIBLE VIEWING AND ANALYSIS

REMOTE CONSULTATION AND TELEMEDICINE

REPORTING AND ANALYTICS

DEVICE INTEGRATIONS
Harmony integrates with a broad portfolio of eye care devices, independent of the vendor. Harmony Integration Service (IS) provides robust tools for integrating both DICOM and non-DICOM devices.

EFFICIENT WORKFLOW
• Patient/modality worklists
• Examination data storage

3RD PARTY INTEGRATIONS
• EMRs and Practice Management Systems
• PACS Systems
• AI tools

KEY FEATURES AT A GLANCE

VENDOR INCLUSIVE CONNECTIVITY
Connect all your devices regardless of brand

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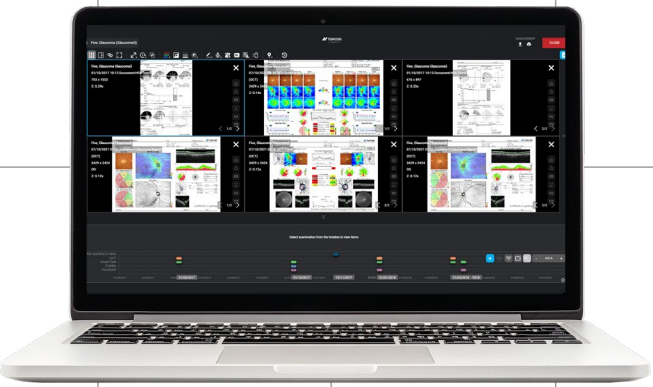Create layouts for pre-selected examination items, adjust images, increase efficiency and productivity within your staff.

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.

SHARED CARE PORTAL
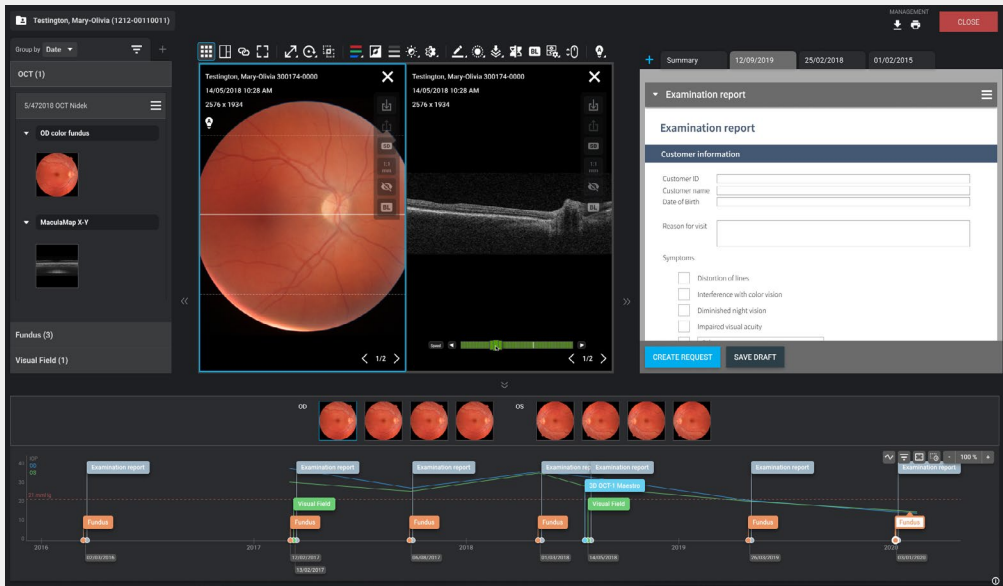Secure portal for 2nd opinion consulting and referrals.

SECURE BROWSER-BASED ACCESS
Secure and store data to be easily accessible via a browser from anywhere & anytime.
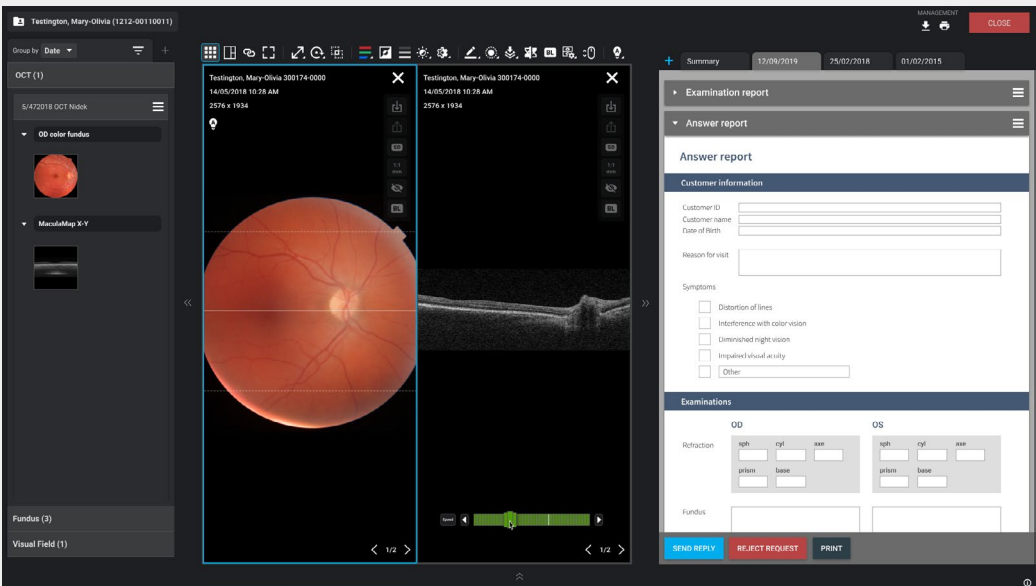
ANALYTICS
Tools for clinical analytics and business intelligence.

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

Harmony's telehealth portal supports collaboration between eye care professionals by facilitating communication and access to data across sites and organizations.

NAVIGATION TOOLS

SHARED CARE PORTAL

EXAMINATION LIST

The viewer contains a navigator list of examination items such as images, reports and/or other medical device outputs collected of the patient. With filtering and sorting, it is easy to find the exact data you are looking for.
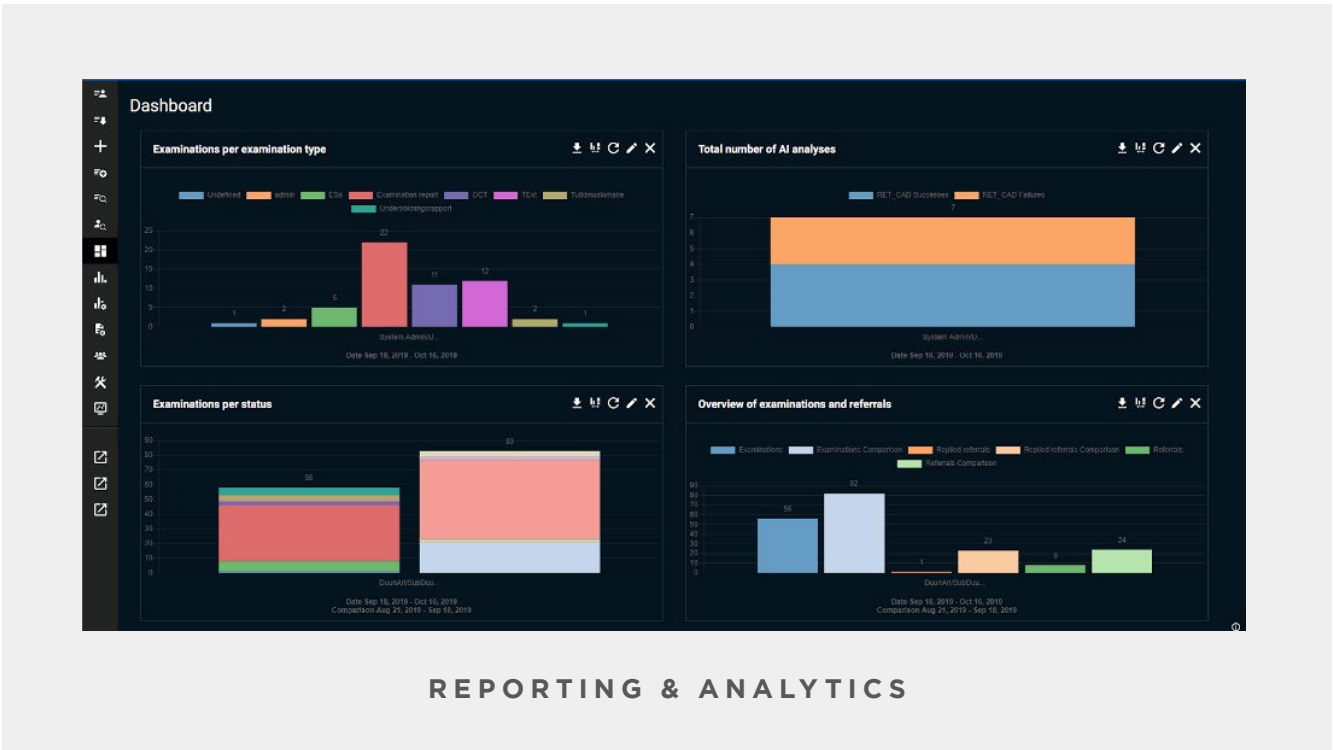
TIMELINE

The timeline visualizes all examinations and clinical events in a graphical representation over time to allow for a quick overview of the patient's visit history. Structured data, such as intraocular pressure values, can be displayed as charts in the timeline.

• Customizable request and response forms

• Requests can be sent to an individual doctor, group of doctors or a whole organization

• Option to anonymize data

• Worklists, notifications and workflow automation to make communication fast and easy

Harmony's data analytics and reporting tools support your clinical and business operations analytics.

Data Management + Communication.
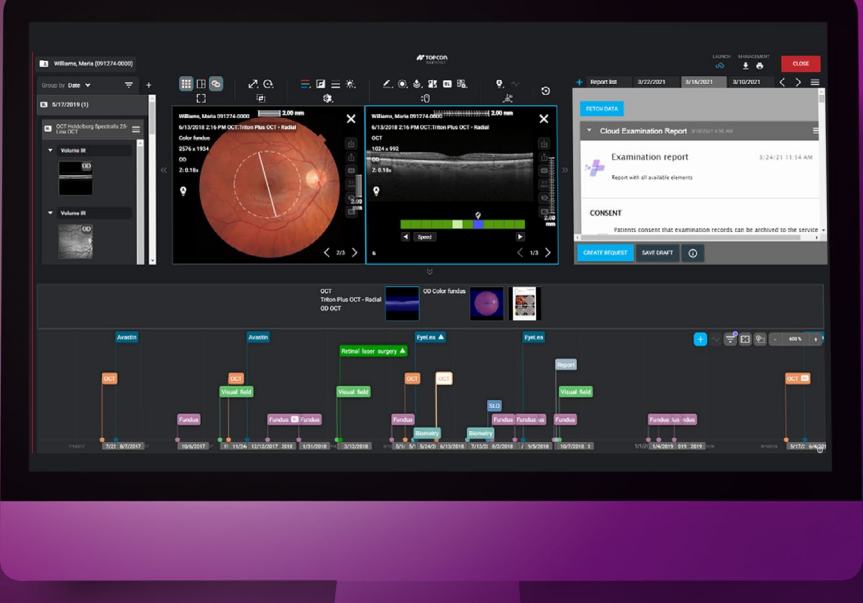
Simplified.

REPORTING & ANALYTICS

HARMONY OFFERS 4 SOLUTIONS FOR REPORTING AND DATA ANALYTICS NEEDS:

• Built-in Data Dashboard for graphical visualization of key Harmony statistics

• Integration to BI-tool to enable in-depth analysis

• Standard statistical reports to view selected key statistics

• Custom-built exports for specific data requirements (for research purposes, etc.)

SYSTEM REQUIREMENTS

USER WORKSTATION

	Minimum Specifications
Processor	Any modern processor
RAM	4 GB or more (depending on browser and system usage)
Display	Full HD (1920x1080) resolution monitor
Browser	Chrome, Mozilla Firefox, Microsoft Edge Chromium (performance verified with the latest browser version upon each Harmony version release)
Network connection	Volume OCTs and larger video files (> 50 MB) • 50 Mbps (recommended), 25 Mbps (minimum) Other file types (e.g. fundus images, PDFs, numeric data) • 5 Mbps (minimum)
Operating system	Any operating system capable of running supported browser
Other	Software for reading the User Manual in PDF format

NOTE!
Using Harmony in the browser's "privacy mode" is not supported. If the browser is set to privacy mode, some functions are limited within Harmony.

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

HARMONY SERVER

	Minimum Specifications
RAM	8 GB
Hard drive	100 GB + data storage for DICOM files
Processor	4 core 64 bit
Operating system	Debian Linux 11
Supported JRE	Java 11
Database	MariaDB 10.x

INTEGRATION SERVER

	Minimum Specifications
Processor	2 core 64 bit
RAM	8 GB
Hard drive	100 GB
Operating system	Windows Server or Workstation
Supported JRE	Java 8, Java 11 (recommended)

WEB WORKLIST

Supported browsers	Chrome, Microsoft Edge Chromium

DATA CENTER (IN ON-PREMISE INSTALLATIONS)

	Minimum Specifications
Network connection	100 Mbps (recommended), 50 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 from customer (for example, knowledge of Linux)

SUPPORTED LANGUAGES

Arabic	English	French	Spanish
Chinese	GB/UK English	German	Swedish
Danish	Estonian	Japanese	
Dutch	Finnish	Norwegian	

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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