Mobile Specialty Vehicles

GlobalMed®

Mobile Telehealth Solutions

Innovative Products

FOR VIRTUAL CARE DELIVERY

Mobile Specialty Vehicles

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Virtual Care Delivery Systems and Devices

Transportable, mobile & lightweight delivery systems		Vitals Measuring	Stethoscope + Integrated App	Exam Cameras	Dental Devices
CAS Lite	Transportable Exam Station	Total Vitals	RNK + ClearSteth	TotalExam 3	Teledental
	 	 	 	 	 

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CAS Lite Delivery System

CLINICALACCESS® Station Lite

ClinicalAccess® Station Lite (CAS Lite) frees you from the space concerns of larger form factors. Customize your station to accommodate your examination needs using its innovative, modular design. With its slim footprint, built-in WiFi and Ethernet, CAS Lite is the perfect mobile telemedicine solution to seamlessly fit into small clinical spaces.

Efficient and Intelligent
- Simple to launch and use
- Customizable to your workflow
- Integrated software and hardware

Secure and Compliant
- Integrated security features
- Locking compartment option, prevents unauthorized usage

Sleek and Mobile
- Sleek, ovular design
- Small footprint and five-wheel base with 5" casters for stability, ease of egress, and turning
- Highly maneuverable in confined spaces
- Adjustable ergonomics; worksurface movement is 33-44"

Dimensions	20"W x 24"L x 53"H (lowest position, excluding camera)
AC Power	90V to 220V, 50Hz to 60Hz Voltage: Nominal 120V Input Voltage Range: 90VAC- 148VAC Frequency: 60Hz ± 3 Hz Plug Type: NEMA 5-15P
Battery Power	Sealed Lead-Acid (SLA) VA 1000VA Watts 600W Size 12V/9AH Typical Recharge Time: 8 hours
Outlets	Ethernet and AC power, located on back of base shell
Computer	Integrated Dell® 7060
Ports	USB hub (4 ports) 8-port switch within base
Codec	SX20 Cisco® Codec
Display	27" LG Monitor 22" LG Monitor Dual 22"/ 16" Monitor with swing arm
Camera	PTZ camera, i1000
Sound	Dell® Sound Bar 17.4"W x 2.4"D x 1.4"H Speaker Type: Active 1 x sound bar 5 Watt - 90 - 20000 Hz
Table Top	19 1/2"W x 20" L; Table top height range is 33" to 44"
Connectivity	Bin storage in tabletop, with combination lock
Cables	10' Ethernet cable reel, 8' power cable reel w/ reels 8' coiled power cord

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Transportable Exam Station

TRANSPORTABLE EXAM STATION®

The GlobalMed® Transportable Exam Station® (TES) brings a new dimension to providing telemedicine to the patient in austere environments.

TES is a fully mobile telemedicine platform with a built in military-grade ruggedized tablet with readable glove capable Gorilla Glass for video conferencing in any condition. Network connectivity is achieved using a Cradlepoint connection for 3G/4G/LTE or built in WiFi.

TES is ideal for these scenarios:

- Emergency Response
- Disaster Relief
- Homebased Patient Care
- Rural Healthcare Outreach

Compatible devices include:

- **Total**Exam® 3 Camera
- Horus Ophthlmoscope
- **Clear**Steth® Stethoscope
- ClearProbe Ultrasound

**TES stores an array of cameras and medical devices in a rugged, impact-, dust-, and weather-resistant rolling case.*

Dimensions	Exterior: 22"L x 14"W x 9"H Interior: 20.5"L x 11.3"W x 7.5"H
Weight	33 Pounds
Power	16.8V DC at 2.5A MAX 185 Wh
Battery Life	Approx. 12 hours at max configuration. Battery life varies depending on usage.
Computer	Dell® 7212 Rugged
Operating System	Windows® 7 or 10
Display	16:9 aspect ratio Gorilla Glass touch screen
Keyboard	Attached keyboard with scroll zone touch-pad and tablet-integrated gesture support.
Connectivity	Cradlepoint COR IBR900 Router WiFi, Ethernet, 3G/4G/LTE *(depends on network)*
Ports	4x USB 3.0, 1x HDMI, 1x Ethernet
Cables	PC cables - integrated Device cables - not integrated
Audio	Integrated speaker and microphone
Portability	2 wheels with retractable handle
Main Camera	Integrated 5.0MP camera with pan/tilt functionality
Security	• Powerclaw Latching system • Reinforced metal holes for padlock use
Power Consumption	12V - 20V DC at 2.5A MAX
Designated Battery Charger	Input 90-264VAC 47-63 Hz Output 16.8VDC 2.5A
Storage Transport Conditions	Water-resistant -29° to 60°C (-20° - 140°F) 5% to 95%, 38.7°C (101.6°F) Max Wet Bulb Temperature

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Total Vitals

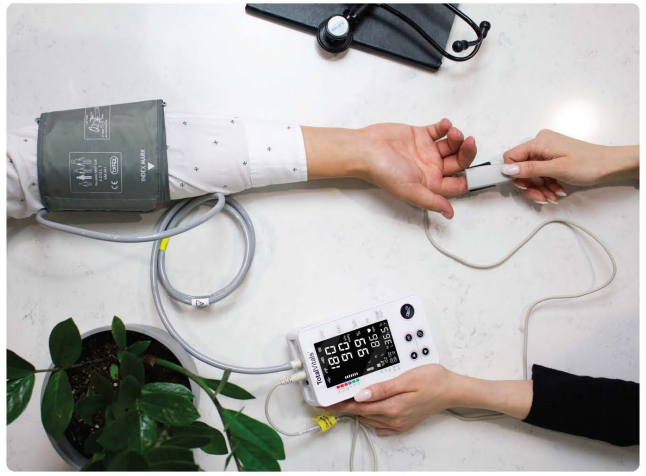
TOTALVITALS®

GlobalMed's TotalVitals Monitor is a hand-held device that digitally captures a wide range of vitals including: temperature, blood pressure, heart rate, and blood glucose (optional).

Lightweight and Compact
The main console weighs less than 1.25 lbs and fits easily in the palm of your hand.

Integrated and Wireless
When integrated with the eNcounter® Application Suite, TotalVitals provides continuious monitoring that is uploaded wirelessly throughout a patient exam and sorted in the patient record.

Accurate and Easy to Use
TotalVital's advanced, FDA approved design combines accurate measurements of key vitals with intuitive functionality.



NIBP Measurement

Technique	oscillometric
Pressuret measuring range	0mmHg-300mmHg
Pressue measuring accuracy	+/-3mmHg
Inflation Time	<20 seconds (adult cuff)
Overpressure Protection limit	300mmHg
Blood pressure measuring range	
SYS	60mmHg-240mmHg
DIA	30mmHg-180mmHg
Max. mean deviation	+/-5mmHg
Max. standard deviation	8mmHg

SpO2

Technique	Optical with dual wavelength
SpO2 measuring range	35%-100%
SpO2 measuring accuracy	Arms <3% for SpO2 range from 70%-100% (Arms is defined as root-mean-squared value of deviation according to ISO 9919)
Pulse rate measuring range	30bpm-240bpm
Pulse rate measuring accuracy	+/-2bpm or +/-2% whichever is greater
Perfusion rate	0.5%-20%

Temperature Measurement

Infared probe (ear)	
Measuring range	35.0°C-42.0°C
Measuring accuracy	+/-0.2°C
Response time	5s
Thermister probe type (optional)	
Measuring range	35.0°C-39.0°C
Measuring accuracy	+/-0.2°C
Response time	60s

Glucose Measurement

Measuring range	1.7mmol/L-27.7mmol/L
Measuring accuracy	+/-0,3mmol/L
Resolution	0.1mmol/L
Response time	5s+/0.5s

Power Supply

Power supply	100-240VAC, 50/60Hz, 15VA; Built-in Lithium battery: 3.7V, 1200mAh
Working time	1 month (at the condition of 5 times BP measurements per day)

Certifications

CE 0123 FDA510(k)

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RNK Stethoscope and ClearSteth Application

RNK PCP-USB
The RNK stethoscope utilizes a USB connection to transmit auscultation data through the ClearSteth application.

All the quality of a traditional stethoscope, but with state-of-the-art technology:

- The PCP-USB or PCP-1 stethoscope plugs direct into any PC computer and most tablets.
- Uses RNK's patented piezo technology for picking up body sounds with least artifact.
- No requirements for having a second doctor on transmit end. Patient can use the stethoscope on themselves.
- Four unique frequency filters to help the practitioner make a proper diagnosis.

•No buttons or dials. The easiest to use electronic stethoscope available.
•No batteries needed.
•Sleek design. "Feels good" in your hands.

ClearSteth®

Advanced Steth Software
The ClearSteth application offers an intuitive interface for clear and fast tele-auscultation. Combined with the RNK stethoscope offers remote sharing of high-quality heart, lung, and body sounds from remote locations.

Amazing Sound Quality
ClearSteth delivers clear, crisp sound with filtering capabilities on both sides to emphasize focus on bell or diaphragm ranges throughout the exam and will automatically adapt to the available network bandwidth on either side of the connection, while still maintaining sound quality.

Versatile and Secure
Allows users on various networks to access encrypted auscultation connections with the push of a button. ClearSteth is interoperable with the RNK PCP-USB. Encrypted auscultations will ensure that patient security and privacy is still the number one priority.

User Friendly Interface
Improve workflow by allowing users to stay logged into the application and display all participants in your telesteth program during the consultation.

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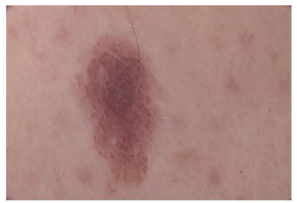
TotalExam® 3 Camera

The TotalExam® 3 combines excellent HD image quality, intuitive design and versatility to take your telemedicine imagery needs to a new level of high definition imagery. The TotalExam® 3 has interchangeable attachments and accessories, allowing a wide variety of medical evidence collection applications in fields such as teledermatology, ophthalmology, and family medicine.

The TotalExam® 3 delivers crisp, clear HD images, using an 8-LED carousel, with white balance and adjustable brightness. TotalExam® 3 provides smooth video with 60 frames per second, and the clearest still image using count back freeze frame analysis.

The intuitive ergonomic design includes a pivoting head and instinctive button locations, making it easier to capture hard-to-reach images.

USB 3.0 connectivity makes the TotalExam® 3 a true plug-and-play general examination camera, compatible with laptops, tablets, and telemedicine stations.



*Images are unedited

Items in the TotalExam® 3 camera kit may be ordered separately. The complete kit includes:

TotalExam® 3 Camera | Qty 1
TotalExam® Autofocus Head | Qty 1
TotalExam® Otoscope Head | Qty 1
TotalExam® Variable Polarizing Derm Hood | Qty 1
TotalExam® Derm Hood | Qty 1
TotalExam® Tongue Depressor Adapter | Qty 1
6" Adult Tongue Depressor | Qty 5
One Touch Collars | Qty 5
Specula, 4.25mm | Qty 5

Dimensions	Camera Body: 214mm x 33mm Autofocus Head: 38mm x 33mm Otoscope Head: 60mm x 33mm
Body Weight	~10 oz
Focus Type	Autofocus
Snapshot Size	1 Megapixel
Video Resolution	1280 x 720p (captured)
Frame Rate	Up to 60 frames per second
Output	USB 3.0
Integrated Freeze Frame	Push-button *(selects clearest frame of previous 16 frames)*
White Balance	Push-button
Lighting	Autofocus Head: 8 LEDs Otoscope Head: 2 LEDs
Operating Temperature	0° - 42°C (32°-107°F)
Operating Humidity	Less than 90%
Power Usage	Less than 4W
Voltage Usage	~ 0.800 mA @5 VDC using USB 3.0 only
Aspect Ratio	16:9
Lens (Aperture)	f:3.0 M12 650nM IR filter f:18.0 FOV: r= 10mm DOF: 12mm - 14mm

TotalExam® 3 with Variable Polarizing Derm Hood

TotalExam® 3 with Otoscope Head

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Teledental Devices

DeVA-1® 2G

Dental Micro-endoscope Visual-Scaling and Root Planing Non-Surgical Periodontal Therapy

No Recovery Time from Surgery

- Treatment completed in one to two sessions
- Patients can return to daily activities immediately
- No scheduling delay to accommodate recovery time

No Opioids for Post-Surgery Pain

- No painful dental surgery
- No post-surgery pain management, typically opioids
- No complications associated with surgical procedures

Increased Access for Earlier Treatment

- Dental hygienists can perform the procedure; dentists or periodontists are not required
- Patients do not need to wait for an appointment with a periodontist

mouthwatch®

Intraoral Camera

- Crystal Clear Intraoral Images
- Easy to Integrate
- Lightweight, Ergonomic
- Sharp, Fixed Focus
- Quick Single Button Capture
- Responsive Lifetime Customer Support
- Instant On
- Money-Back Guarantee
- Works with Windows, Mac OS X, and Android

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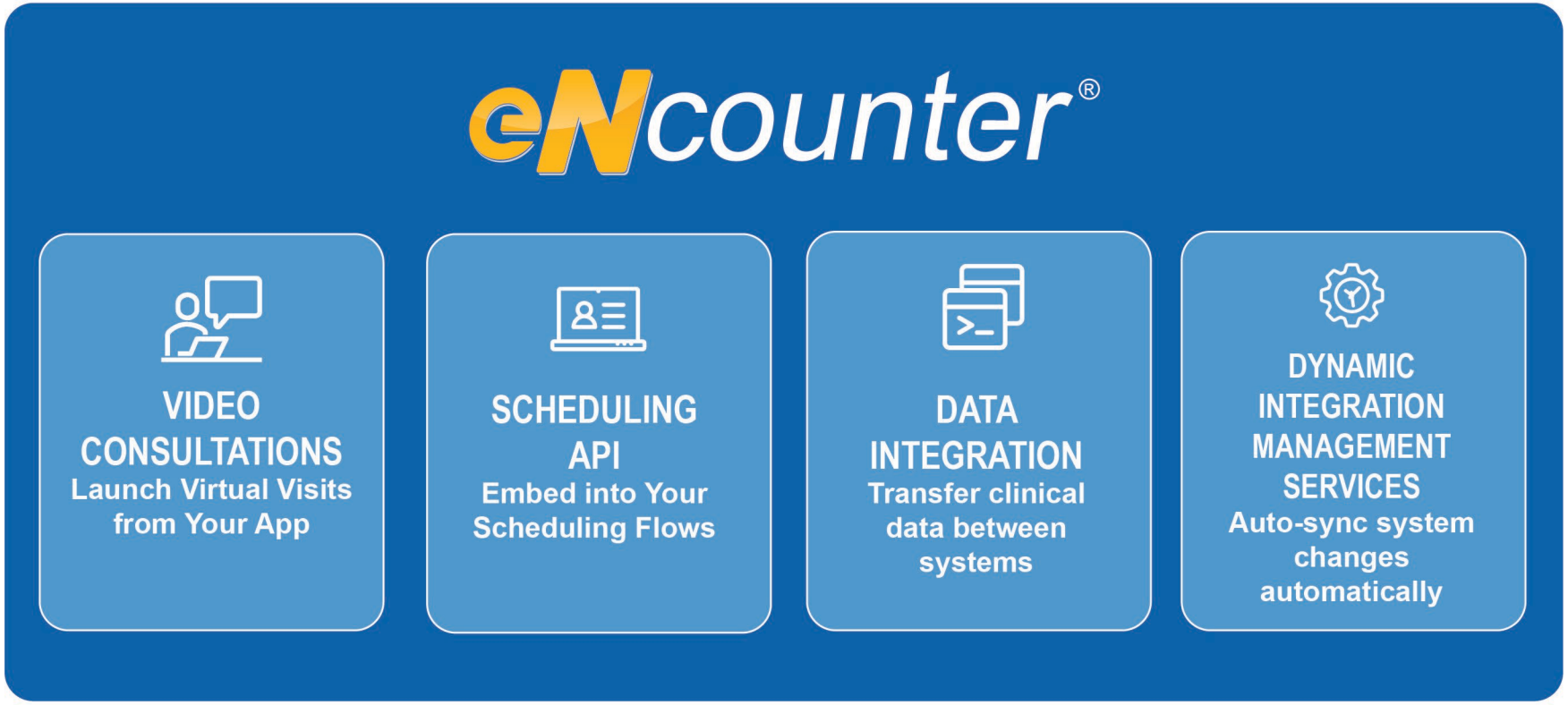
eNcounter® Virtual Health Platform

Diagnostics + Clinical Workflow + Integration & Interoperability



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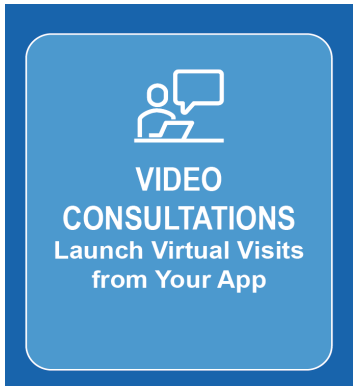
eNcounter® Video Consultations



- An API-based video layer
- Enables video functionality in eNcounter® to integrate with a clinician's platform **without having to add another application**

Capabilities include:

- Real Time Clinical Evidence Transfer
- Multi-user environment - enables multiple participants to join a single encounter
- Specialized signaling and messaging features for telehealth applications
- Remote Camera Controls
- Secured WebRTC

Operationally lean, this application approach eliminates the cost of a monolithic implementation and drastically reduces the need for staff training.

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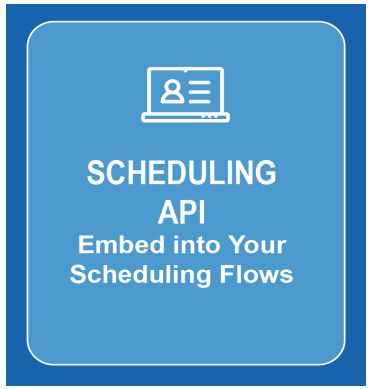
eNcounter® Scheduling API



- Simple API with clear documentation for developers to implement clear API documentation within a preferred application
- Enables the creation of a link to launch a virtual patient encounter from a preferred scheduling platform, using the customer's existing workflow.

How it works:

- Appointment is scheduled within the parent system
- This triggers a request of eNcounter® to send information to construct a link given to the user
- The link directs the user to eNcounter® where it will launch the virtual appointment and present the Patient Summary for the patient in attendance

The link is good for one-time use. A new link will be created for each new appointment. Developers are provided with clear API documentation to implement within their preferred application

Easy to implement and preserves existing scheduling workflows.

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eNcounter® Data Integration

DATA INTEGRATION
Transfer clinical data between systems

eNcounter® data integration ensures data is exchanged for a range of delivery models:

- Data between eNcounter platform and other FHIR-enabled systems such as EHR or Billing
- Data between providers using different EHRs (e3 and eView)

Patient data from the customer's PACS or EHR can be viewed in eNcounter.

- After clinical data is captured, eNcounter generates an Encounter Summary and uploads and stores contents to the configured PACS or EHR
- All EHR-compatible, portable data will populate EHR fields including Vitals, Chief Complaints, Visit Notes, etc.

How it works:

At Consultation Start: When a user logs into eNcounter® and searches their EHR to render the Patient Summary, they will see the most updated data from the EHR and PACS (labs, meds, allergies, conditions, etc.).

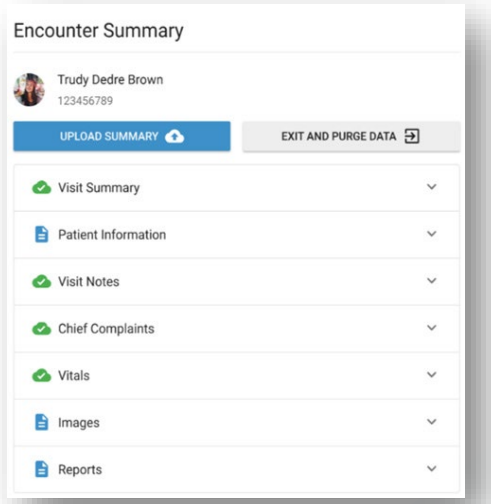
When Consultation Ends: Upon virtual visit completion, new data created during the consult flows out of the Encounter Summary into the EHR and PACS.

Data that goes into the EHR is denoted **with a green cloud icon**.

EMR

Data that is flows into the PACS system is denoted **with a blue document icon.**

PACS



Closes gaps in patient health history and ensures clinicians have the most recent information at the start of each virtual visit.

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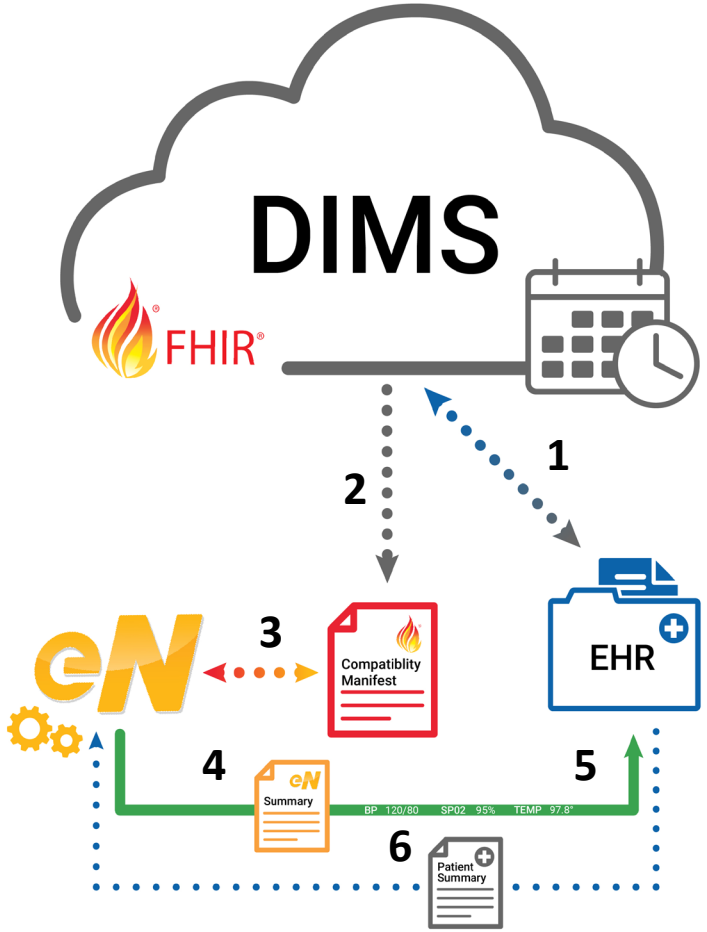
eNcounter® Dynamic Integration Management Services

DYNAMIC INTEGRATION MANAGEMENT SERVICES
Auto-sync system changes automatically

Automated checking tool based on FHIR compatibility that detects EHR and other system changes and auto-syncs those changes, ensuring data always ends up in the right place.



1. On a consistent cycle, DIMS checks the EHR for FHIR compatibility.
2. A FHIR Compatibility Manifest is created.
3. When a user logs into eNcounter® the system auto-checks the manifest for updates.
4. At virtual consult completion, the user publishes an Encounter Summary with new patient data.
5. The summary goes into the EHR as either actionable, usable data or the PACS system based on its latest FHIR-enabled compatibility.
6. The next time the patient record is opened in eNcounter, the most current information from the EHR will be reflected.

DIMS dramatically reduces the cost and inefficiency of health information system integration and makes virtual healthcare data accessible, useable, and actionable.

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eNcounter® Complete Feature Set

DIAGNOSTICS

- Specialized Auscultation
- Spirometric Interpretation
- Abdominal and Vascular Ultrasound Imaging
- Electrocardiogram Interpretation
- Manual and Automated Vitals Entry
- Diagnostic Image Capture
- Image Measurement
- Multi-Way Video Conferencing
- Synchronous Diagnostic Data Transfer
- Offline Connectivity
- Image Annotations
- Remote Camera Control
- Automated Hearing Tests

WORKFLOW

- Command Line Integration
- Patient Search
- Patient Summary
- Encounter Summary
- PACS Query
- PACS Upload
- Video Recordings
- Worklist Selection
- ClearSteth Software Integration

APIs AND INTEGRATION

- Video Consultations
- Scheduling API
- Data and System Integration
- Dynamic Integration Management System (DIMS)

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Benefits

COMPREHENSIVE CARE – BETTER OUTCOMES – POSITIVE ROI

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Expand Access to Care

The ability to expand access to care is unmatched with telehealth:

- ✓ See rural patients faster and more frequently
- ✓ Reach the most remote parts of the world such as oil rigs, ships and small villages far from healthcare facilities.
- ✓ Augment face-to-face visits for non-emergency care
- ✓ Manage provider capacity and see more patients in any type of practice

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Improve Outcomes

Patients are more likely to get care when it's convenient and accessible

- ✓ Fill gaps in the care continuum by staying connected to the patient wherever they are
- ✓ Make it easier for patients to attend follow up visits with telehealth – chronic disease management and for patients with mobility issues are just a few examples
- ✓ Connect patients more quickly to specialists in areas where they are hard to locate or with long wait times
- ✓ Reduce provider burn out by eliminating unnecessary windshield time or when making rounds to a diverse patient population in a hospital or rural area
- ✓ Bring quality care to the underserved

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Positive Return on Investment

- ✓ Virtual health can lower the cost of care in multiple ways
- ✓ Virtual care delivery opens up revenue opportunities and with improved reimbursement policies including Medicare patients, providers can now be paid for telehealth visits
- ✓ Connects patients to world-class specialists without emergency transportation
- ✓ Fewer hospital admissions and better chronic disease management can also drive down the cost of healthcare – something telemedicine can facilitate

Get this special report about providers around the world who have received the benefits and financial value of making an investment in telehealth.

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Mobile Specialty Vehicles was founded as Mobile Medical Vehicles, Inc. and operated under the name of Mobile Medical® in November of 1980 by Daniel S. Ayres. The Ayres family were pioneers in the specialty and recreational vehicle industry. David Ayres, Daniel's father, was one of the founding members and former president of the Recreational Vehicle Dealers Association (RVDA). The Ayres family operated three successful dealerships in Beaumont, Houston, and Dallas, Texas with fully equipped up-fitters and manufacturers, that built trailers from the ground up for unique applications like atmospheric testing vehicles for the petroleum industry. Daniel got his start in the family business at the age of six eventually working in the engineering and fabricating divisions, hand drawing custom vehicles to be built from scratch. His eye for detail and attention to customer service would later build the foundation for what would be the most prestigious name in specialty vehicles. **www.mobilespecialtyvehicles.com**

GlobalMed powers the world's largest, most advanced virtual health programs by designing and manufacturing integrated software and hardware telemedicine solutions that support a patient at any point in the continuum of care. Providers are enabled with data capturing tools to deliver evidence-based treatment and improve patient outcomes while lowering costs. Providers looking for their own technology to manage capacity, save money, and deliver responsible medicine, will get all they need from one platform. Founded in 2002 by a Marine Corps Reserve Veteran still serving as CEO. **www.globalmed.com.**