Baxter

TrueVue
DIGITAL HEALTH SOLUTIONS

TrueVue. SMART, SIMPLE & SECURE.

TRUEVUE PROVIDES OPPORTUNITIES TO IMPROVE
WORKFLOW EFFICIENCIES AND REDUCE COSTS
FOR YOUR CRRT PROGRAM.

TRUEVUE DIGITAL HEALTH SOLUTIONS

A portfolio of products and services to help you optimize CRRT therapy delivery by providing opportunities to **improve productivity & efficiency**.

TRUEVUE CONNECT allows your PrisMax system to wirelessly and securely connect to the EMR, allowing your CRRT staff to spend less time on documentation and helping them to refocus time on direct patient care.

Saves ~16 min of nurse time per hour by eliminating manual charting

Reduces the risk of transcription errors

Auto-documentation from PrisMax can provide over 100 parameters as frequently as every 5 seconds.

TRUEVUE THERAPY MANAGEMENT enhances your Baxter partnership with ongoing consultations dedicated to analyzing key CRRT program metrics to help reduce costs and improve workflow efficiencies.

Individual TrueVue customers have seen up to a

25% reduction in access/return alarms*

70% increase in filter life*

14% reduction in lost treatment time*

*Baxter Data. CRRT Program Data Analytics Case.

TRUEVUE CONNECT is an embedded communications module for PrisMax that brings:

NEW WI-FI CAPABILITY
Securely and wirelessly connect the PrisMax system to your EMR and help minimize the time spent on documentation.

INCREASED FLEXIBILITY FOR EMR CONNECTIVITY
Simplify EMR connectivity to compatible EMR systems and middleware vendors with supported HL7 data transfer technology.

SMART.
TRUEVUE CONNECT PROVIDES ENHANCED EMR CONNECTIVITY
- Allowing you to connect PrisMax securely and wirelessly to your EMR
- Linking PrisMax to your EMR enables your team to minimize the time spent on documentation, **freeing up to 16 minutes every hour to spend with patients**

SIMPLE.
TRUEVUE CONNECT STREAMLINES INSTALLATION AND CONFIGURATION
- Setup and installation by Baxter
- Simple configuration management by your IT team
  - All settings managed through the TrueVue Connect portal
- No additional hardware or software required on-site
- Added HL7 simplifies EMR connectivity via compatibility with leading EMR systems and middleware vendors such as:
  - *Epic* • *Masimo* • *Cerner* • *GE Healthcare* • *Philips* • *Capsule* • *Nant Health* • *iMD Soft*
- Wired and wireless connectivity options:
  - *Serial Port* • *Ethernet Port* • *WiFi Network*

SECURE.
TRUEVUE CONNECT IS DESIGNED WITH ADVANCED PRIVACY AND SECURITY STANDARDS*
- TrueVue Connect is UL 2900-2-1 certified
- Recognizes Baxter's secure product development processes, secure design, effective penetration testing and post market processes

TrueVue Therapy Management is a service that optimizes your CRRT program.

IDENTIFY ACTIONABLE INSIGHTS

With TrueVue Therapy Management, a Baxter specialist partners with you to identify actionable insights from anonymized data that is automatically captured from the PrisMax system.

SUPPORT QUALITY IMPROVEMENT GOALS

TrueVue Therapy Management supports your hospital's quality improvement and performance goals to standardize therapy and reduce costs.

SMART.

### TrueVue Therapy Management supports data-driven decision making

TrueVue Therapy Management utilizes hospital specific data to support data-driven decision-making for improved CRRT therapy delivery and efficiency.

TrueVue Therapy Management provides you with the reports and tools needed to analyze performance across key metrics for prescription delivery to help you standardize therapy.

ACHIEVE THERAPY TARGETS

Track treatment delivery vs prescriptions and remove barriers to help close the gap
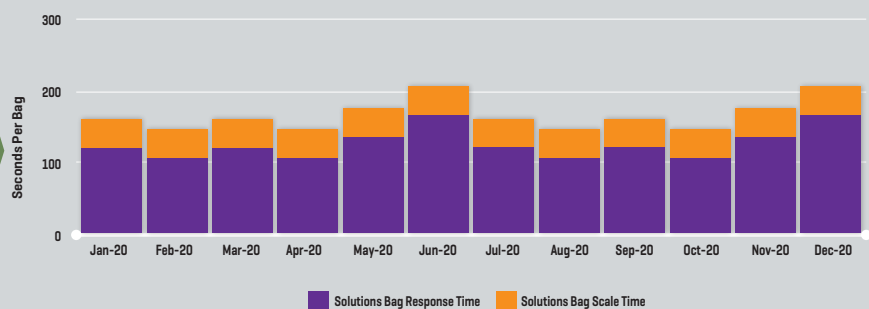
FLUID REMOVED

Legend: Dose Per Day — BGH Benchmark Dose Per Day
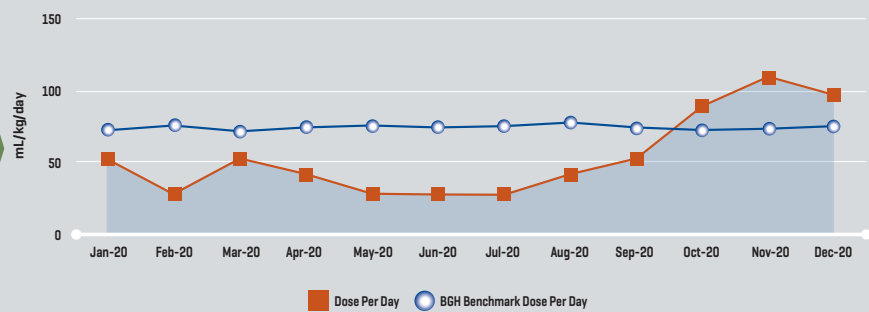
TREAT MORE CONSISTENTLY

Compare results across hospital units or shifts to help understand performance drivers or barriers

BAG CHANGE TIME PER SHIFT

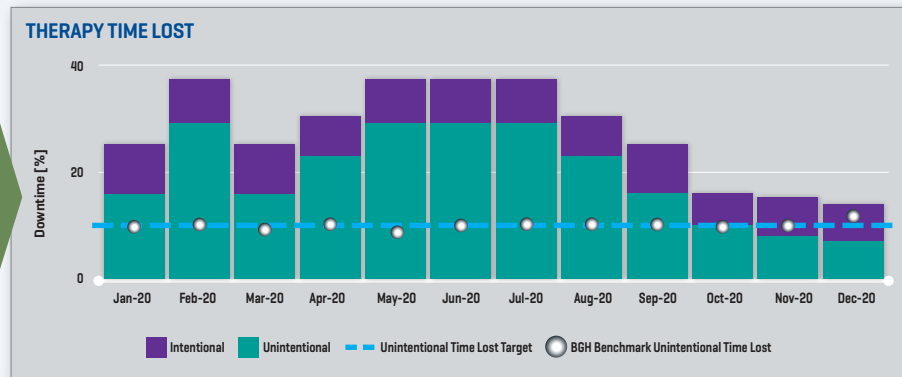Legend: Solutions Bag Response Time — Solutions Bag Scale Time

SIMPLE.

Your Baxter specialist guides you with formatted and refined data that enables you to explore CRRT insights, develop tailored solutions, and implement quality improvement programs.

With the help of your Baxter specialist, you will analyze performance across key metrics, such as filter life and machine downtime, to help reduce cost and improve workflow efficiency.

MINIMIZE INTERRUPTIONS

Analyze device data to identify the underlying disruption causes to reduce therapy interruptions

THERAPY TIME LOST

Downtime [%] — Jan-20 through Dec-20

Legend: Intentional | Unintentional | Unintentional Time Lost Target | BGH Benchmark Unintentional Time Lost

EXTEND FILTER LIFE

Visualize and analyze filter performance, reasons for changes, and ways to extend filter life

AVERAGE FILTER LIFE

Hours — Jan-20 through Dec-20

Legend: Filter Life | BGH Benchmark Filter Life | Target
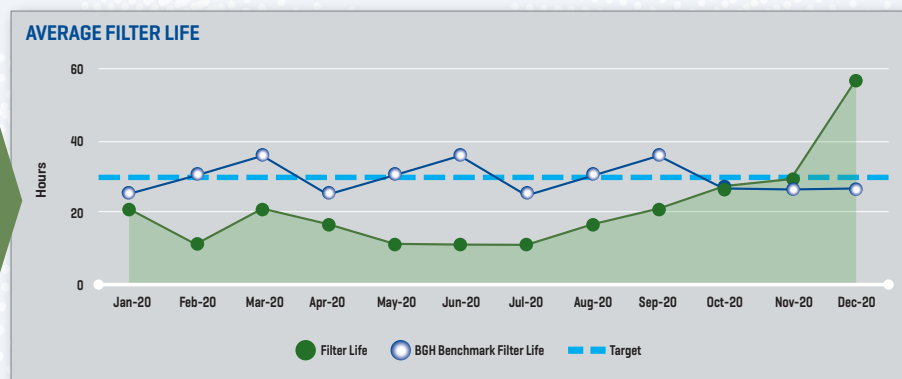
SECURE.

TrueVue security architecture is designed to minimize end-to-end cybersecurity and privacy risk. When using TrueVue Therapy Management, data is anonymized before leaving your facility in compliance with GDPR and HIPAA.

These types of data include:

- Anonymized/De-identified Treatment Parameters such as: therapy mode, alarms, anti-coagulation mode, blood flow rate, fluid removal, filter pressures, line pressures
- Anonymized/De-Identified Patient Identifier

CONTACT YOUR BAXTER REPRESENTATIVE TO LEARN HOW TRUEVUE CAN HELP YOU IMPROVE WORKFLOW EFFICIENCIES AND REDUCE COSTS .

TRUEVUE TECHNICAL SPECIFICATIONS

TRUEVUE CONNECT SYSTEM

Compatibility
PrisMax (SW 3.X)

Data Security
TLS 1.2 data in transit encryption with FIPS 140-2 compliant cipher suites
AES-256 GCM or AES-128 GCM FIPS 140-2 compliant data at rest encryption
X.509 certificate based mutual authentication (TLS 1.2 with ECDSA P-384 certificates)

Certifications
UL-2900

Communication Channels / Ports
Serial (RS-232)
10/100 Ethernet (RJ-45)
Wi-Fi: 802.11 a/b/g/n/ac dual band (5/2.4GHz)
Wi-Fi security: WEP, WPA2 PSK with AES-CCMP, EAP-TLS, EAP-TTLS (MSCHAPv2), and (PEAPv0/EAP-MSCHAPv2)

TRUEVUE CONNECT EMR OUTPUT

Serial Port
PrisMax (SW 2.X): binary output (for backwards compatibility)
PrisMax (SW 3.X): binary output

Ethernet / Wi-Fi
HL7 v2.5
Optional TLS 1.2 mutual authentication with FIPS 140-2 compliant cipher suites
Optional AES-256 GCM or AES-128 GCM FIPS 140-2 compliant data in transit encryption

TRUEVUE CONNECT CLOUD OUTPUT (OPTIONAL)

Ethernet / Wi-Fi
TLS 1.2 mutual authentication with FIPS-140-2 compliant cipher suites
AES-256 GCM FIPS-140-2 compliant data in transit encryption

Privacy
Data sent to **TrueVue Cloud** anonymized per GDPR and de-identified per HIPAA
One-way hash using keyed HMAC-SHA256

TRUEVUE CLOUD (OPTIONAL)

TLS 1.2 data in transit encryption with FIPS 140-2 compliant cipher suites
AES-256 GCM FIPS 140-2 compliant data at rest encryption
TLS 1.2 authentication between services using SHA256 with RSA certificates
Mutual authentication with **TrueVue Connect**
Role-based access control
TrueVue Cloud provider certifications: ISO 9001, ISO 27001, ISO 27017, ISO 27018, SOC 1, SOC 2, SOC 3
Port 443 of the facility firewall must be open for **TrueVue Connect** to access **TrueVue Cloud**

TRUEVUE THERAPY MANAGEMENT (OPTIONAL)

Utilizes **TrueVue Analytics**, a Baxter managed mobile application
Powered by anonymized data from the **TrueVue Cloud**
TLS 1.2 data in transit encryption with FIPS 140-2 compliant cipher suites
AES-256 FIPS 140-2 compliant data at rest encryption