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# Performance at the scale of you

B. Braun Infusion Therapy

**B | BRAUN**  
SHARING EXPERTISE



## PROVIDERS ARE OUR PURPOSE

B. Braun is a leader in smart infusion therapy and safe and effective pharmacy products, patient and provider safety, and sustainable health solutions.

We're committed to helping providers like you constantly improve patient satisfaction and outcomes. With infusion pumps, accessories and services created to help you focus on what matters most—your patients—B. Braun is uniquely positioned to help your facility succeed now and in the future.

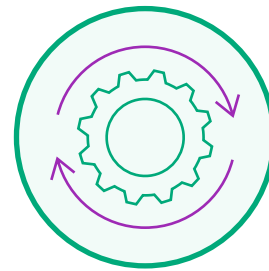
# WHY B. BRAUN AUTOMATED INFUSION SYSTEMS

Empowering providers to continuously improve patient satisfaction and outcomes.



## PARTNER

We seek to improve reliability and performance to help reduce risk



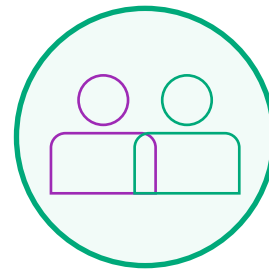
## EFFICIENCY

A complete infusion systems portfolio all on one platform



## PROCESS IMPROVEMENT

Driving measurable outcomes through powerful insights



## ACCOUNTABILITY

An accountable partner dedicated to your success



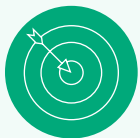
## RELIABLE PERFORMANCE LEADS TO BETTER OUTCOMES

At B. Braun, we focus relentlessly on a systematic approach to designing quality into every aspect of our infusion systems portfolio, seeking to improve pump performance and overall reliability across our entire platform to help reduce risk for both patients and clinicians.



### Fewest reported quality issues

B. Braun's Space® Infusion System has had the fewest reported FDA recalls and ECRI alerts of any of the top five pump manufacturers in the United States since the original Space pump was introduced to the U.S. Market in 2006<sup>1</sup> while receiving the fewest customer complaints in the MAUDE Database.\*



### Industry-leading outcomes

Facilities using the DoseTrac® Analysis Service have been able to achieve a drug library compliance rate of up to 100% and facilitate a reprogramming rate of less than 1% and a rate as low as zero for pump-related adverse drug events.<sup>1</sup>

In a prospective study to evaluate bi-directional infusion pump-EMR integration, the Space platform improved both nursing workflow and charge capture by reducing the time to program an infusion by up to 77% and increasing ED net patient revenue by 29%.<sup>1</sup>



### Safety and security by design

The Space Infusion System includes a large volume pump that uses an electromechanical door and a syringe pump with an automatic drive arm, safety features which may reduce issues such as free-flow and accidental medication bolus.

The Space Infusion System's architecture has a clear separation of two processor complexes, one for medically critical aspects of the device and one for external communication. This independence reduces the potential of a successful cyber attack on the communication device which could cause a change in medication delivery.



### Low total cost of ownership

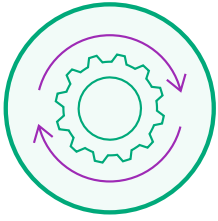
B. Braun Space pumps do not require annual preventative maintenance. Technical safety checks are recommended every two years.

Space pumps parts are 100% field serviceable.

<sup>1</sup> Data on File

\* 1/2014 – 6/2020





## A COMPLETE PORTFOLIO, ALL ON ONE PLATFORM\*

Our comprehensive portfolio of infusion pumps, software, accessories and services helps improve organizational efficiencies—allowing you to standardize on a single platform with similar workflows across infusion modalities, care settings and biomedical engineering service programs while rationalizing inventory for infusion consumables and pump parts.



### Full line of infusion pump types

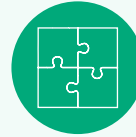
The Space® Infusion System is a complete infusion portfolio solution, including large volume, syringe and PCA modalities.

B. Braun offers a large volume pump and syringe pump\*\* with the same hardware architecture and user interface and identical drug library and infusion management software.



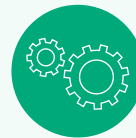
### The pump that goes anywhere

B. Braun offers versatility across care settings for its Space portfolio. The innovative SpaceStation MRI allows Space pumps to be used in the MRI Suite. The stackable design enables 12 pumps to be efficiently placed in limited space environments, like the OR and ICU, and the Perfusor pump with SW 588U has been cleared for medical air and ground transport use.



### One EMR integration

Why conduct multiple difficult pump-EMR integration projects with separate vendors when you can integrate both your large volume and syringe pump in a single project with B. Braun? One workflow\* and one training promote user success, driving up to 100% auto-programming compliance.<sup>1</sup>



### Software for any scale organization

DoseTrac® Enterprise infusion management software allows up to 40,000 pumps on a single server across an unlimited number of facilities. It provides automatic reconfiguration and drug library software updates when pumps move between facilities. The custom reporting can be made visible from the care unit level all the way to the enterprise level.

\* Perfusor® PCA Syringe Pump does not offer a wireless option.

\*\* Perfusor® PCA Syringe Pump has a similar workflow and a separate drug library.





## POWERFUL INSIGHTS THAT DRIVE MEASURABLE OUTCOMES

Leveraging real-time data, along with powerful insights and analytics, B. Braun helps you embed continuous process improvement across your health system to improve patient outcomes.

Visit [www.bbraunusa.com/outcomes](http://www.bbraunusa.com/outcomes) to learn more.



### Raising the bar on patient care

B. Braun's DoseTrac® Enterprise Analysis Service and Drug Library Consultation Services can be the keys to reaching the highest level of infusion-related patient safety across your system. Through insightful analytics, compliance auditing and identifying workarounds, we outline continuous quality improvement opportunities that are designed to help healthcare organizations achieve industry-leading outcomes, obtain Magnet designation and comply with The Joint Commission standards of care.

Up to  
**100%** Drug Library Compliance<sup>1</sup>  
VS.  
**81%** Industry Average<sup>3</sup>

Up to  
**99% REDUCTION**  
In Infusion-Related Alerts<sup>1</sup>

As low as  
**ZERO**  
Pump-Related Adverse Drug Events<sup>1</sup>



### Increasing confidence, reducing risk

DoseGuard™ Software enables multiple levels of user and reviewer access within the drug library software. It provides audit trails and discussion boards along with easily exported drug library reports to create an accessible, collaborative space to meet best practice recommendations from The Joint Commission and ISMP for multidisciplinary development, monitoring and maintenance of drug libraries.



### Improving care in real time

Our real-time alarm view and responsive analytics have helped healthcare facilities improve the environment of care by reducing the frequency and duration of pump alarms. In fact, our DoseTrac software reduces infusion-related alerts up to 99%.<sup>1</sup>

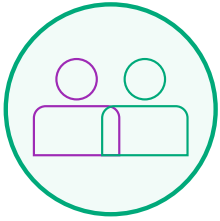


### Continuously identifying efficiencies

Our online tools allow you to track devices and wirelessly\* deploy drug library updates efficiently across your facility.

B. Braun's dedicated team of technical experts provides real-time support to create a best practice library distribution process, which has demonstrated the ability to achieve a drug library push to over 90% of infusion pumps in just three hours.<sup>2</sup>

\* Perfusor® PCA Syringe Pump does not offer a wireless option.



## AN ACCOUNTABLE PARTNER DEDICATED TO YOUR SUCCESS

B. Braun has an installed base of almost two million infusion pumps globally. Our team of project managers, nursing informaticists, pharmacists and IT consultants become an integral part of your own team—partnering with you throughout the life of your product and accountable for its success.



### Experienced project management at scale

The B. Braun project management team brings experience from hundreds<sup>1</sup> of pump installation projects adapting our scalable IT systems to meet your organization's specific needs. Our process is designed to be successful regardless of facility size, from single facilities to multi-site IDNs that span the U.S.



### Pharmacy expertise at your service

Our B. Braun infusion pumps pharmacy team brings decades of institutional pharmacy expertise with smart pump software and drug library development to help you build a drug library uniquely suited to your facility and patient population.

DoseGuard™ drug library software, powered by First Data Bank's Infusion Knowledge Database, guides the user with best practice recommendations, fully referenced, smart pump-specific data and a "copy and paste" functionality that is designed to minimize keystroke errors and can provide a significant reduction in drug library build time.



### Clinical integration teams that measure up

B. Braun's clinical integration consultants are subject matter experts in infusion device workflows, integration solutions and informatics—providing you a roadmap to elevate performance and achieve sustained success.

We assess proficiency and technology adoption of these long-term continuous quality improvement projects by measuring actual performance through agreed-upon goals and metrics.



### 24/7 support

We provide clinical support and medical information 24/7, so we're there when you need us.

- Access to 70 clinical support experts before, during and after implementation.
- Dedicated support staff ensures better, more consistent results.
- For on-demand training, visit [www.bbrauneuniversity.com](http://www.bbrauneuniversity.com).



## Ready to partner with us?

Contact your B. Braun representative or visit  
[www.bbraunusa.com/infusionsystems](http://www.bbraunusa.com/infusionsystems)  
for more information.

<sup>1</sup> B. Braun Medical Inc. Data on file. <sup>2</sup> Bartos D, Vitoux RR, Schuster C, Curtin CR. Outcomes from a smart infusion pump and electronic health record integration: Improved patient safety, nursing efficiency and return on investment. *JIN*. In press. <sup>3</sup> Giuliano KK, et al. Intravenous smart pump drug library compliance: A descriptive study of 44 hospitals. *J Patient Saf*. 2018 Dec;14(4):e76-e82.