

BeneFusion e series pump

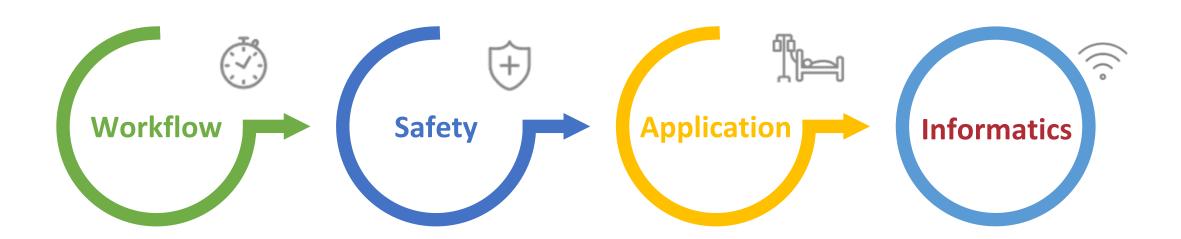
Introduction

PMLS Marketing Alvin



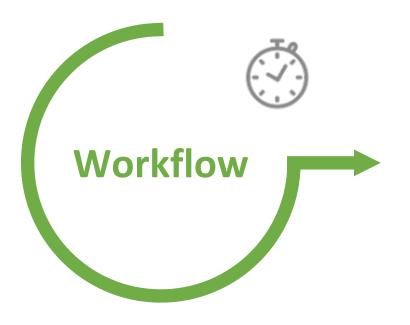
Efficiency in every Droplet

Efficiency in





Efficiency in



Intuitive interaction

Past preparation

Quick problem solving



Intuitive interaction

Smooth touch operation

- 3.5" color capacitive touchscreen
 - Operate with gloves



Intuitive UI design

- Key parameters show on one page
- Scroll up/down for more information







Fast preparation



SmartRapid™



Syringe Loading 45







Fast preparation

Efficient IV set loading



Automatic anti-free-flow clamp saves time when loading the IV set



Installation detectors

make sure IV set is correctly installed



IV set status check

check the IV set status





Fast preparation

Color coding system





Digital tag

✓ Up to 30 colors

Paper tag

- ✓ Up to 30 categories
- Maximum 5000 drugs

*Pre-configured 54 drugs as default



Quick problem solving

Dynamic Pressure System (DPS)



Intuitive indicator

- ✓ Speedometer style indicator
- ✓ Wide-ranging 15 levels of occlusion detection from 50 to 1125mmHg



Quick problem solving

Dynamic Pressure System (DPS)



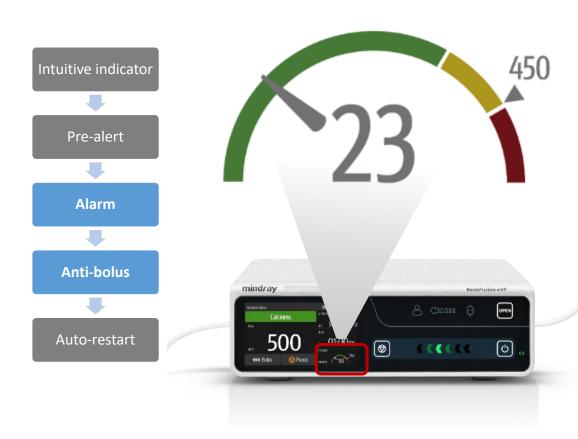
Pre-alert

- ✓ Alert when pressures is increasing
- ✓ Assist for intervention of occlusion alarm in advance
- ✓ Avoid alarm interruption of the infusion

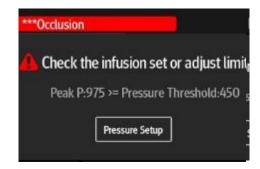


Quick problem solving

Dynamic Pressure System (DPS)



Alarm



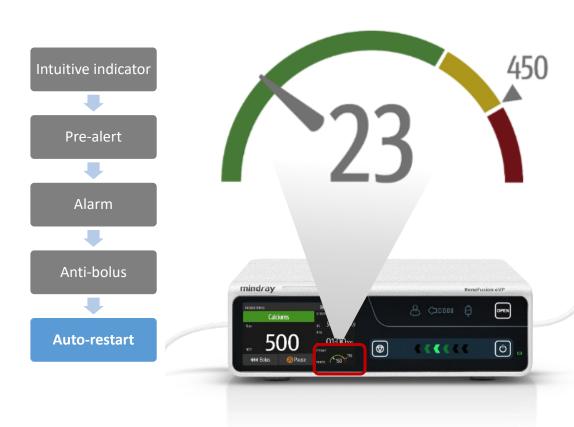
Anti-bolus

- ✓ In-line pressure released
- ✓ Avoid unexpected bolus to animal





Dynamic Pressure System (DPS)



Auto-restart



- ✓ Identify if it is a temporary occlusion
- ✓ Resume the infusion automatically
- ✓ Ensure continuous infusion



Quick problem solving

Smart alarm system

Fast identified

Fast solved

✓ Fast location of the bed

Fast location of the pump

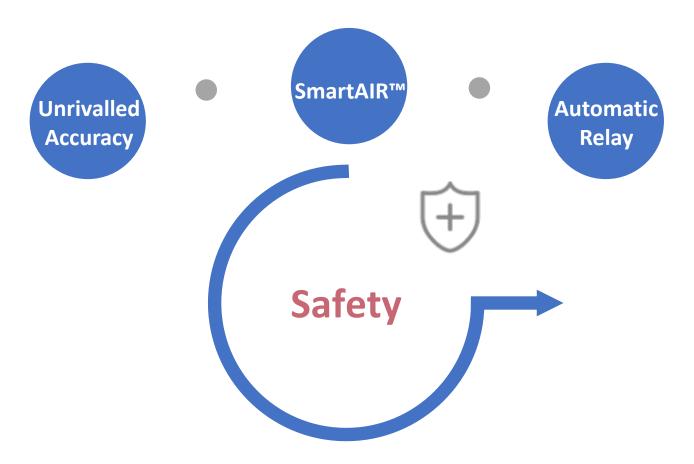




- ✓ Animation guide users fast identified the problem
- ✓ Alarm guidance helps to quickly solve the problem



Efficiency in





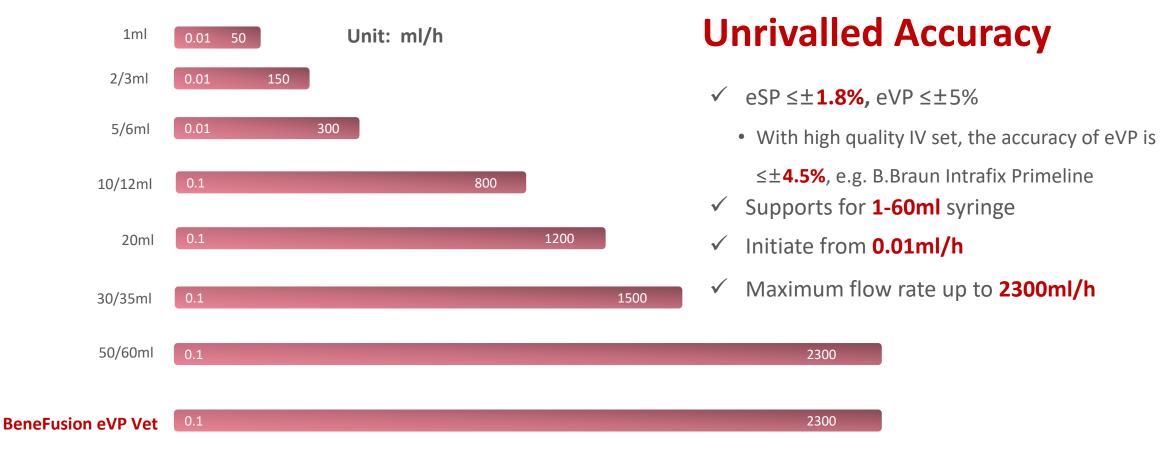
Efficiency in Safety 🕀







BeneFusion eSP Vet





Efficiency in Safety (+)









SmartAIR™ Dual



- **Double** air bubble sensors
- 6 levels of air bubble detection: 15 ~ 800 μl
- Accumulated bubble 0.1-1.0 ml/15min



Efficiency in Safety (+)









Automatic multi-channel relay



Circular relay

Several pump relays from each other





Customized relay

Pumps relays in a preset order











Automatic multi-channel relay

Smooth relay



- Smooth relay between two pumps
- Same drugs, same rate (≤ 25ml/h)
- Typically applied to vasopressors, antiarrhythmic

Ensuring stable drug-giving process



Feature Introduction

Efficiency in Application Flexible All in one Docking Solution **Total Volume** Collection











Satisfy various infusion purposes











Total Volume Collection Function





5	History Rate		ŵ
Time	Rate	Drug	
2020-11-19 21:13:42	1.02 ml/h	Undefined	
2020-11-19 20:53:4	1.15 ml/h	Undefined	
2020-11-19 20:46:5	1 10 ml/h	Undefined	
2020-11-19 20:46:15	5 480 ml/h	Undefined	
2020-11-19 20:46:14	384 ml/h	Undefined	

Four Different collection method

- 1. Total volume
- 2. Current total
- 3. Period volume
- 4. Timing volume
- ✓ Satisfy different clinical scenario;
- ✓ Assist Vets to record on the liquid balance chart
- ✓ Reduce Vets workload, and simplify the workflow
- ✓ History record of changing rate











Flexible Docking Solution



Comprehensive solution for a

variety of clinical scenarios

- Maximum **16** slots in one eDS
- ✓ Ranges from **2-16 slots** for eDS











Flexible Docking Solution



Tool-free expansion

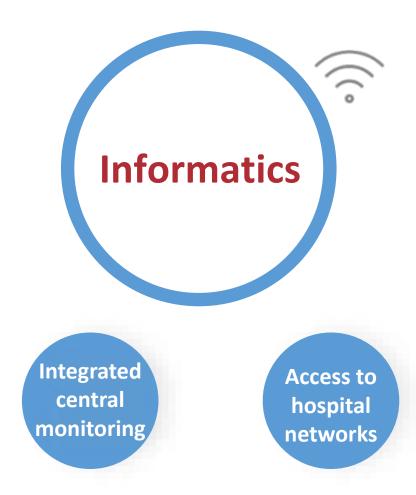


One-hand easy plug



Feature Introduction

Efficiency in







Integrated central monitoring



BeneVision CMS make data all available on one monitoring system

LAN/WIFI







BeneVison CMS

✓ Monitor up to **32 eVP/eSP/eDS** simultaneously

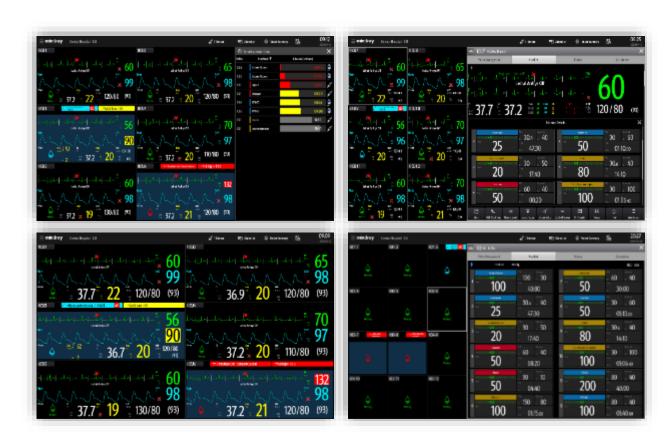




Integrated central monitoring

Fusion Mode

Independent Mode





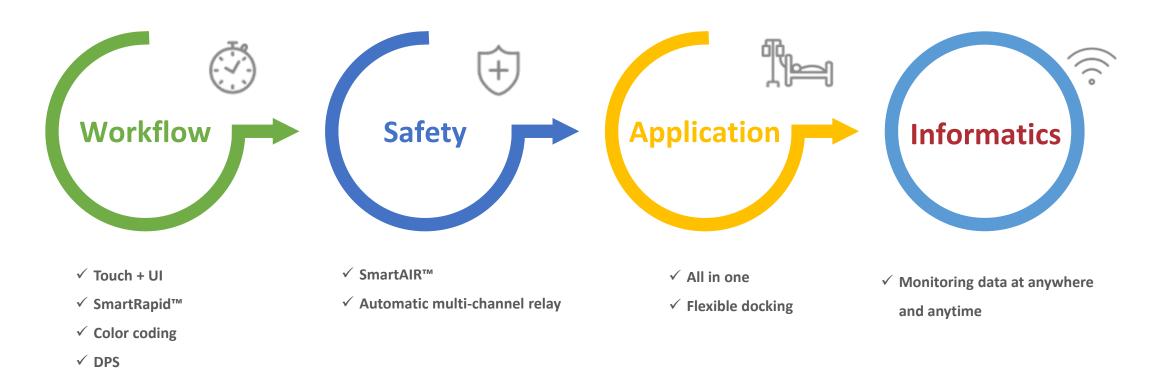


Access to hospital networks



Feature Introduction

Efficiency in



Efficiency in every Droplet

√ Smart alarm system





Thank you