# Experience the next level in medication management

Pyxis MedStation® ES system

**Pyxis**®

CareFusion
*has joined BD*

*Improving the safety and costs of healthcare for generations to come*

## Feeling the pain of medication management, hospitals find a prescription that works
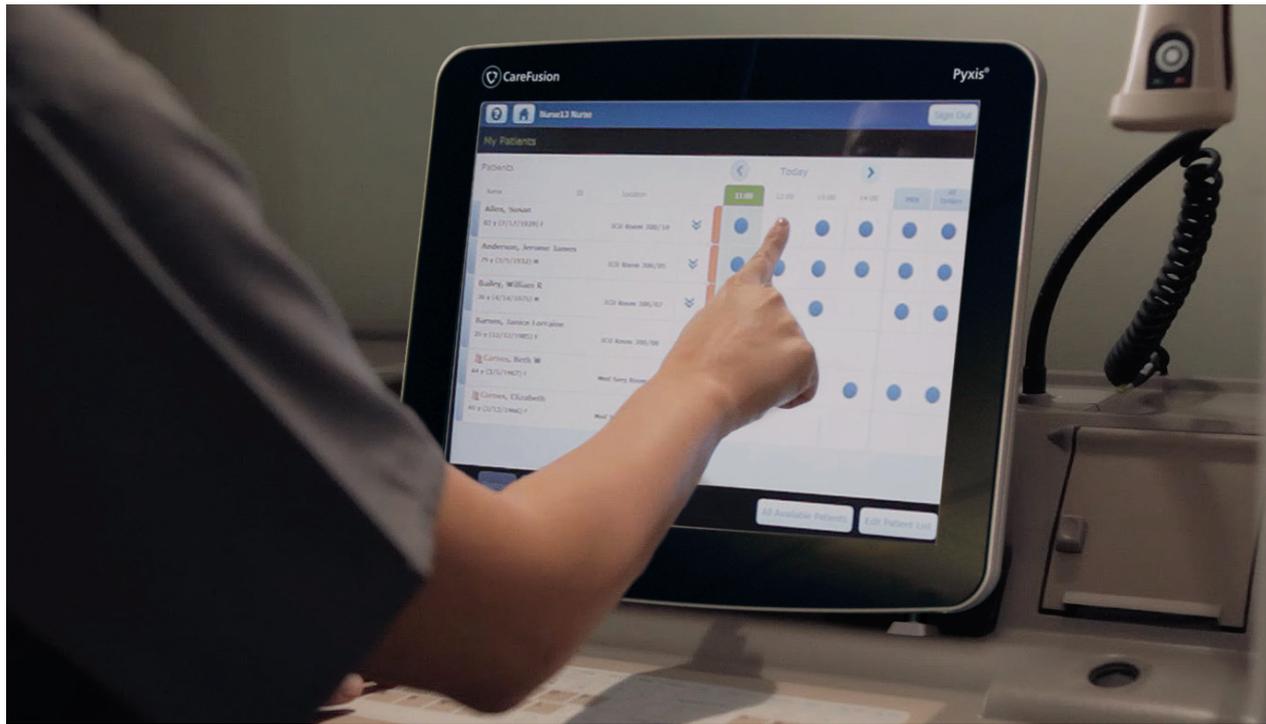
In an effort to improve patient care, patient satisfaction scores and efficiency, hospitals are taking a close look at their medication management system. Studies have found that the path medication takes from the pharmacy to the patient can be error-prone and inefficient. These challenges often increase risks and costs, delay therapies and complicate efforts to meet regulatory requirements.

Consider that today, within a 300-bed hospital, nurses may administer up to 4,000 medication doses daily across all patient care areas.' That's why it's imperative that pharmacy, nursing and technological processes be synchronized to provide the correct medication, supplies and information for patient care.

From pharmacy to nursing to the patient, there has to be a better way to get medications to the right patient without delay. And there is.

**Pyxis ES platform solutions**

The Pyxis ES platform from CareFusion is designed to address the changing landscape of healthcare and to usher in a new generation of Pyxis solutions. Cornerstones of the new platform are the Pyxis Enterprise Server and the Pyxis MedStation ES system. The new platform features enterprise-wide integration capabilities previously not seen in other medication management systems.
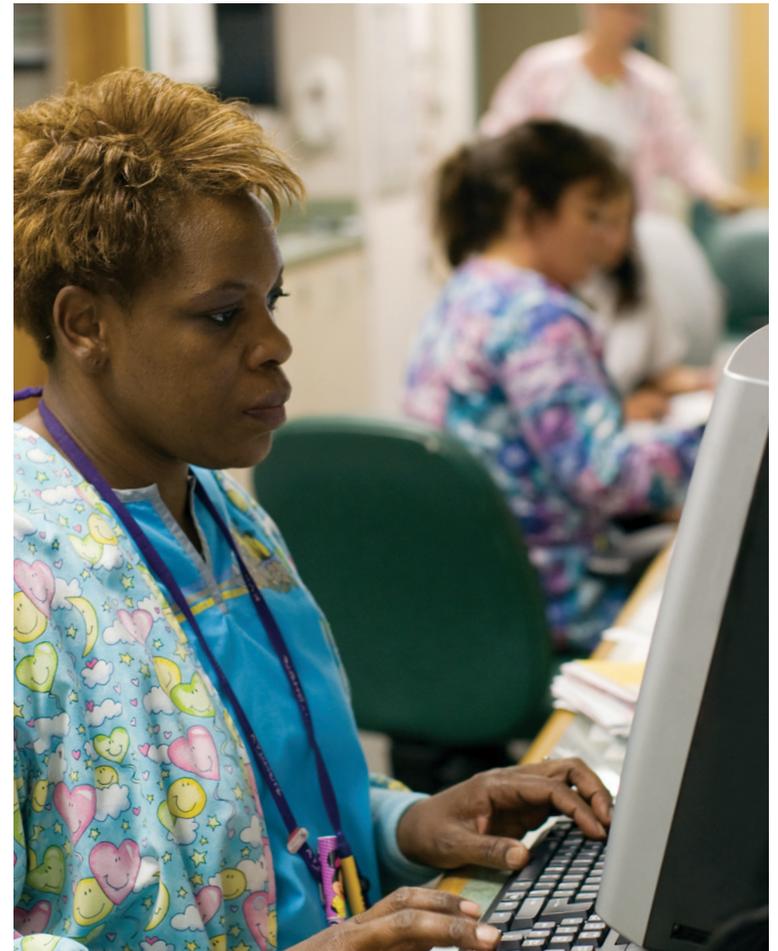
## Automating the medication management process

The Pyxis MedStation ES system can help you manage medications by automating the process throughout the hospital. This market proven system streamlines medication distribution, improves nursing and pharmacy collaboration and workflow, helps support regulatory compliance efforts and interoperates with your hospital information technology (HIT) to provide information where and when it's needed.

- Helps start patient therapies faster by reducing time to first dose
- Gives nurses fast and easy access to the medications they administer
- Improves the predictability related to where to find medications
- Reduces missing doses and improves workflow efficiencies

## Pyxis ES platform advantages:

- Provides simple and improved clinical workflows and patient centric care
- Helps reduce disruptions, delays and risk of error
- Offers increased security and capacity for storing larger medications
- Leverages centralized configuration efforts across the healthcare organisation
- Allows system access from any hospital computer or web browser
- Can help facilitate compliance with local regulatory requirements
- Enables meaningful integration with HIT systems
- Reduces IT footprint and leverages existing investments
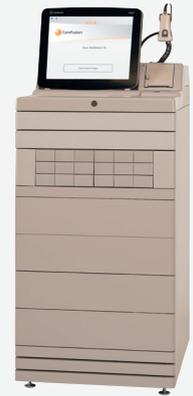
# A platform approach to medication management

While users will recognize many core Pyxis MedStation system capabilities—such as the ability to help start patient therapies faster by reducing time to first dose and improving nursing and pharmacy workflow—the strength behind the new Pyxis ES system lies in its ability to provide capabilities that can be leveraged across the healthcare organisation in unprecedented ways. Integration between the Pyxis ES system and the HIT enables staff to have the data they need, when and where they need it, for immediate decision-making and reporting while supporting hospital and healthcare organisation long term growth strategies.



Pyxis MedStation ES system

## Supporting nursing and pharmacy

- **Workflows centered on the patient:** Simplifies the care-giving process. New user interfaces provide nurses with access to comprehensive medication and patient information located in one place, helping nurses get the information they need more quickly than ever before. Safety enhancements, such as enabling nurses to more carefully select the correct patient by clearly highlighting patients with the same last name, make it easier to help avoid potentially harmful errors.

- **Enhanced formulary and system user management:** Enables pharmacists to manage medications efficiently. Today's pharmacies demand systems that improve medication safety and save time. Integration between the Pyxis ES system and the Pharmacy Information System (PIS) results in one system formulary for the entire healthcare organisation, which can be adjusted as needed for each hospital. And by integrating with the hospital's Active Directory, user management has never been simpler. Now pharmacy can focus on user privileges within the Pyxis ES system, while allowing IT to manage individual user access.

## Meeting the needs of IT departments

- **Enterprise-ready technology:** Supports industry standard deployment, maintenance and monitoring programs. Flexible deployment—such as turn-key hardware and VMware ready—are available to fit the unique capacity, scope and IT environment of the hospital or healthcare organisation. The system is designed for increased uptime and built on the latest technologies, bringing more options with less IT support. System security can be managed by the hospital's IT department or by CareFusion.

- **Highly configurable system management:** Ideal for multi-hospital systems. For example, roles can be defined just once at the healthcare organisation level and then efficiently implemented and adjusted as needed at each hospital site—saving time and helping standardize processes.

- **Common interfacing functionality:** Minimizes the amount of IT infrastructure required. The CareFusion Coordination Engine, a software-based interface engine enabling centralized integration between our Pyxis technologies and the HIT, allows hospitals and healthcare organisations to add functionality and devices as needs arise.
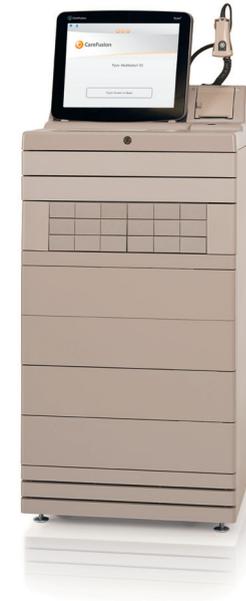


Pyxis MedStation ES system typical configuration

## Pyxis MedStation ES system typical configuration



## Pyxis MedStation ES mains



Pyxis MedStation ES
6-drawer main

57,9 cm W x 67,8 cm D x 138,2 cm H

Pyxis MedStation ES
4-drawer main plus bin

57,9 cm W x 67,8 cm D x 138,2 cm H

Pyxis MedStation ES
2-drawer main

57,9 cm W x 67,8 cm D x  70,9 cm H

Pyxis MedStation ES
0-drawer main
(*connected to modulary cabinets*)

57,9 cm W x 67,8 cm D x 37,3 cm H

## Pyxis MedStation ES auxiliaries



Pyxis MedStation ES
7-drawer auxiliary

57.9 cm W x 68.6 cm D
x 119.4 cm H



Pyxis MedStation ES
half-height column auxiliary
*(2 doors)*

78.7 cm W x 71.1 cm D
x 109.2 cm H



Pyxis MedStation ES
single column auxiliary
*(4 doors)*

78.7 cm W x 71.1 cm D
x 201.9 cm H



Pyxis MedStation ES
double column auxiliary
*(8 doors)*

132.1 cm W x 71.1 cm D
x 201.9 cm H

## Related products



Pyxis SMART Remote Manager
Pyxis Remote Manager
*(refrigerator not included)*

## Pyxis MedStation ES drawers



Half height CUBIE® pocket



Full height CUBIE pocket



Matrix drawer with optional
return bin



MiniDrawer *(I-6)*



MiniDrawer *(I-18)*



2D barcode scanner included

All products and product specifications
depending on model and local availability.
To view full listing of product for your
country, please contact your local sales
responsible – via www.carefusion.com

## Pyxis Enterprise Server

### Flexible enterprise-ready server deployment options

The Pyxis Enterprise Server provides hospitals and health systems a scalable, flexible foundation for managing Pyxis ES platform technologies on a single database. This enterprise-ready system provides technology deployment options that can grow with you in size, scope and capacity for years to come. The system's design increases uptime and minimizes time spent managing redundant data.

### Deployment options include:

### VMware-ready
A VMware application can be deployed in a customer's virtual environment.

### Hardware and software
A VMware application can be installed on a Dell™ server sold through CareFusion.

| Hardware requirements |
| --- |
| • Intel® Xeon Quad-Core Processor E5520 *(2.27 GHz, 1333 MHz FSB, 120W)* or higher |

| Windows requirements |
| --- |
| • Microsoft® Windows Server 2008 R2/2012<br>• Microsoft SQL Server 2008 R2/2012 |

| Hardware requirements |
| --- |
| • Pyxis Security Module or hospital provided security<br>• Windows updates can be deployed from Pyxis Security Module or provided by hospital. Approved patches will be distributed as required<br>• System backup software provided by hospital IT department is supported |

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All products and product specifications depending on model and local availability. To view full listing of product for your country, please contact your local sales respresentative at **carefusion.com.**

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