

Application: 4390

Omnicell's IVX Station

<b>Page: General Information</b>
Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.
<b>Name of Organization/Company</b> Omnicell
<b>Additional Contacts</b> I would also like to have others receive emails about the disposition of our entries.
<b>Page: Entry Information</b>
<b>Entry Title</b> Omnicell's IVX Station
<b>Category</b> P03. Technical Innovation of the Year - Healthcare Technology
<b>Technical Innovation of the Year Submission Format</b> Written Answers
<b>a. Briefly describe the organization that achieved the nominated technical innovation: its history and past performance (up to 200 words). Required</b> <p>Since 1992, Omnicell has been committed to transforming pharmacy care through outcomes-centric innovation designed to optimize clinical and business outcomes across all settings of care. Beginning with medication and supply cabinets and expanding to a comprehensive portfolio of robotics, smart devices, intelligent software, and expert services, Omnicell's solutions are helping healthcare facilities worldwide to reduce costs, improve labor efficiency, establish new revenue streams, enhance supply chain control, support compliance, and move closer to the industry vision of the Autonomous Pharmacy.</p> <p>From national health systems to community hospitals to retail pharmacies and other outpatient care settings, Omnicell's unique value proposition is delivering positive outcomes across the care continuum through best-in-class technology including advanced automation for medication management and patient engagement solutions designed to improve adherence. Omnicell's global reach includes nearly 80% of all retail pharmacies in the U.S., and long-term sole source agreements with 150 of the top 300 U.S. health systems. Latest milestones include the launch of XT Amplify, an innovative suite of solutions designed to enhance pharmacy and nursing efficiency, reduce medication errors and waste, and ultimately maximize the value of point of care automated dispensing systems.</p>

**b. Outline the nominated technical innovation. Be sure to describe it in terms that someone with limited knowledge of the technology can understand and appreciate (up to 250 words). Required**

In March 2022, Omnicell introduced IVX Station, a fully automated IV compounding robot for IV syringes and bags that leverages robotic speed and precision to safely and accurately prepare compounded sterile preparations (CSPs), increasing workflow efficiencies and reducing supply costs.

At the core of the IVX Station is an objective to drive enhancements in patient safety by improving accuracy and eliminating human error. This is enabled through the robot's precision-machined "superstructure" design which utilizes barcode scanning, advanced recognition, gravimetric verification, and auto labeling for all CSPs. IVX Station takes every preparation through a robust process to ensure safety and accuracy, and to date, Omnicell IV robots have prepared over 13M patient doses.

As hospitals continue to battle staffing shortages and meet increasing patient demands, IVX Station delivers maximum throughput to drive workflow efficiencies and keep care plans on track with timely medication administration. With a throughput rate that is three times faster than its predecessor, IVX Station boasts separate loading and unloading areas to allow preparations to be retrieved without interrupting compounding in progress, keeping pharmacy operations on track for busy hospitals.

Featuring a streamlined design, IVX Station minimizes footprint to easily fit in pharmacy cleanrooms without need for costly renovation. To increase efficiency, IVX Station integrates with enterprise software, IVX Manager, to provide access to Omnicell's Central Formulary library of formularies and recipes.

**c. Explain why the technical innovation you have highlighted is unique or significant (up to 250 words). Required**

With rising patient volumes and the increasing need for new therapeutics options in areas such as oncology and immunology, the demand for sterile injectable drugs is expanding. Since 2013, 503B outsourcing facilities, where these drugs have historically been produced, have met hospitals' demand for large batch compounded medications, and 89% of U.S. hospitals obtain compounded drugs exclusively from these facilities.

However, as market and supply chain trends reveal, relying on one entity for critical compounded medications puts hospitals in a tenuous position. Indeed, during the height of the COVID-19 pandemic, hospitals encountered long-term sterile compounding supply challenges due to drug shortages and transportation issues.

The IVX Station addresses this critical need for diversified compounded medication sources and enables hospitals to have more control over their supply chains by maintaining compounding medications in-house. This benefit not only delivers better financial outcomes by providing better supply chain control but enhances patient outcomes by removing the variables standing between patients and critical medications.

While IV compounding tech has historically been cost prohibitive, IVX Station generates industry-leading savings to justify initial investment. The latest stats report that in-house sterile compounding using IV robotics can lower expenses by as much as 66% percent compared to outsourcing.

**d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional**

Reference several case studies from leading health systems, alongside the IVX Station brochure, to provide concrete evidence to back up the above. These resources illustrate real-world implementations and the tangible benefits that IVX Station offers in terms of efficiency, safety, and cost savings.

Link to interactive IV robotics brochure: <https://content.omnicell.com/story/iv-compounding-ivx-station-brochure/page/1>

Allegheny General Hospital: <https://www.omnicell.com/resources/case-study/allegheny-general-case-study-iv-robotics/>

University of Rochester Medical Center: <https://www.omnicell.com/resources/case-study/university-of-rochester-realizes-quality-and-safety-benefits-from-iv-automation/>

Cone Health:

<https://www.omnicell.com/resources/case-study/iv-robotics-service-produces-reliable-source-of-ready-to-administer-rta-syringes-at-moses-cone/>

TidalHealth

<https://www.omnicell.com/resources/case-study/tidalhealth-realizes-savings-efficiency-gains-with-iv-compounding-service/>

**Webpage Link**

<https://content.omnicell.com/story/iv-compounding-ivx-station-brochure/page/1> (<https://content.omnicell.com/story/iv-compounding-ivx-station-brochure/page/1>)

**Would you like to add an additional webpage link?**

Yes

**Webpage Link 2**

<https://www.omnicell.com/resources/case-study/allegheny-general-case-study-iv-robotics/>  
(<https://www.omnicell.com/resources/case-study/allegheny-general-case-study-iv-robotics/>)

**Would you like to add an additional webpage link?**

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**Webpage Link 3**

<https://www.omnicell.com/resources/case-study/university-of-rochester-realizes-quality-and-safety-benefits-from-iv-automation/> (<https://www.omnicell.com/resources/case-study/university-of-rochester-realizes-quality-and-safety-benefits-from-iv-automation/>)

**Would you like to add an additional webpage link?**

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**Web Page Link 4**

<https://www.omnicell.com/resources/case-study/iv-robotics-service-produces-reliable-source-of-ready-to-administer-rta-syringes-at-moses-cone/> (<https://www.omnicell.com/resources/case-study/iv-robotics-service-produces-reliable-source-of-ready-to-administer-rta-syringes-at-moses-cone/>)

**Would you like to add an additional webpage link?**

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**Web Page Link 5**

<https://www.omnicell.com/resources/case-study/tidalhealth-realizes-savings-efficiency-gains-with-iv-compounding-service/> (<https://www.omnicell.com/resources/case-study/tidalhealth-realizes-savings-efficiency-gains-with-iv-compounding-service/>)

**Would you like to add an additional webpage link?**

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**Web Page Link 6**

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No

**Supporting Document**

No File Uploaded

**Would you like to add an additional supporting document?**

No

By your submission of this entry to The Stevie Awards, you verify that you have read and agreed to abide by the regulations, terms and conditions of the competition (<https://www.asia.stevieawards.com/rules-and-terms-conditions-competition>).

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