



Improve continuity of care,
resulting in more informed
care decisions



MEDHOST Integration

Data exchange, visibility, timeliness and mobility directly influence patient safety and satisfaction, care transitions, usability, clinician satisfaction, Meaningful Use and other regulatory compliance. This underscores why electronic health records (EHRs) and departmental solutions need to be fully integrated, especially considering the significant amounts of financial and human resources healthcare organizations spend selecting and implementing such technology.





Our solutions exchange data with leading hospital information systems and EHRs, multiple health information exchanges (HIEs), data repositories accessed by ambulatory departments and clinics, and primary care provider systems.

Without integration, patient data won't be readily available, which can hinder clinician workflow and can affect patient care and overall performance. Allergy, smoking screening, medication and other information that hospitals collect throughout the care encounter must flow directly into their EHR, as should vital sign data and pharmacy orders. This will help improve continuity of care and result in more informed care decisions. From a business perspective, integration enables you to maximize your technology investments more effectively.

Departmental Solutions, Enterprise Integration

In addition to generating the largest source of revenue and costs for most providers, the emergency and surgery departments produce some of the most critical pieces of patient information, which is why MEDHOST Emergency Department Information System (EDIS) and MEDHOST Advanced Perioperative Information Management System (PIMS) are specifically designed to address the unique needs of these two highly complex areas of patient care.

Unlike other EDIS and perioperative solutions, MEDHOST expands the benefits of our offerings with robust integration. Our solutions exchange data with leading hospital information systems and EHRs, multiple health information exchanges (HIEs), data repositories accessed by ambulatory departments and clinics, and primary care provider systems.

Additionally, MEDHOST's integration capabilities strategically align with Meaningful Use guidelines and The Joint Commission's transition of care requirements, so our Customers are well primed to meet current and future regulations. We're leveraging our integration expertise to change patient flow, workflow and overall hospital operations with our enterprise-wide throughput solution, MEDHOST PatientFlow HD. With this solution, we put powerful data in the hands of decision makers so they have visibility never before available.

The bottom line is that with our integration offerings and the standards, methods and vocabularies we employ, MEDHOST EDIS, MEDHOST PIMS and MEDHOST

PatientFlow HD Customers can easily and effectively exchange patient data and ensure it is readily available throughout the continuum of care when it matters the most.

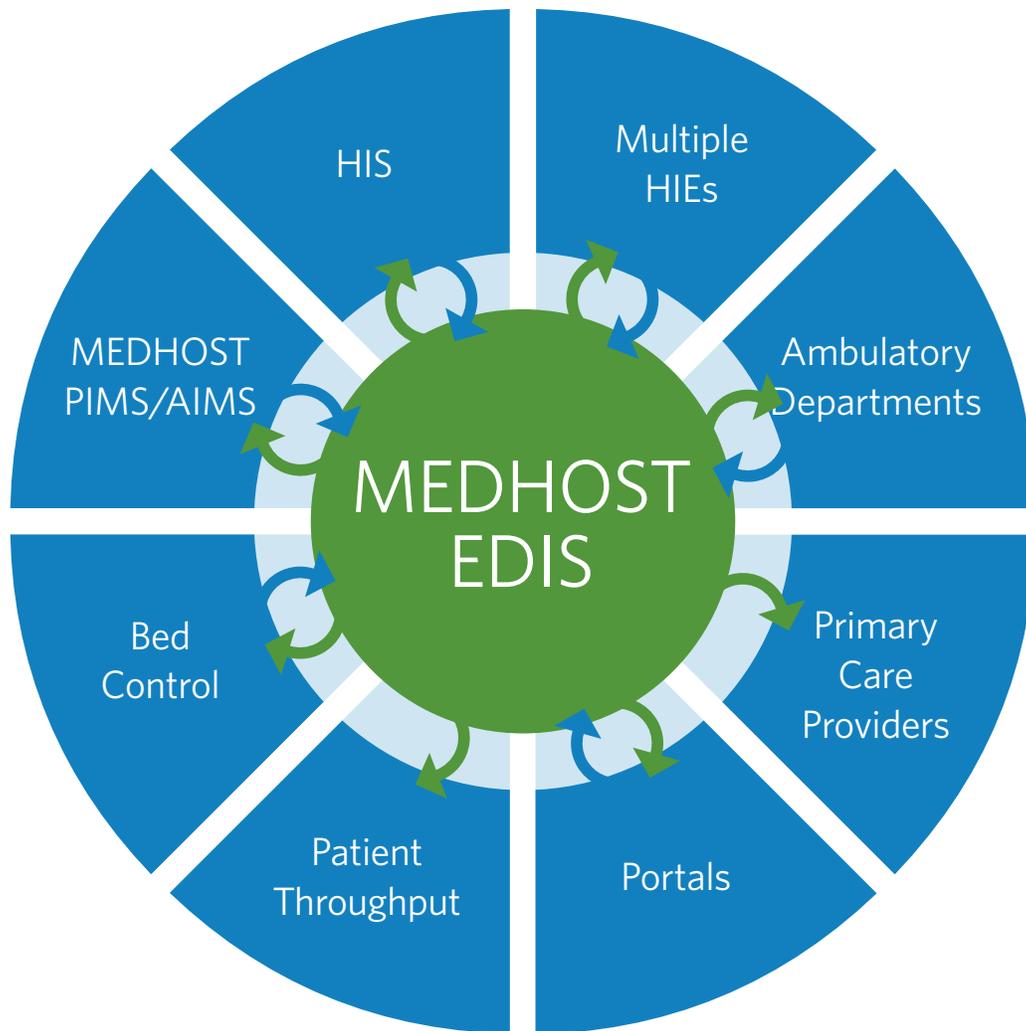
Standards	Methods	Vocabularies and Ontology
<ul style="list-style-type: none">HL7 2.x	<ul style="list-style-type: none">API and Web Services	<ul style="list-style-type: none">LOINC
<ul style="list-style-type: none">XML	<ul style="list-style-type: none">CCOW	<ul style="list-style-type: none">SNOMED CT
<ul style="list-style-type: none">CCD	<ul style="list-style-type: none">Direct	<ul style="list-style-type: none">RxNorm
<ul style="list-style-type: none">C-CDA	<ul style="list-style-type: none">XDS.b	<ul style="list-style-type: none">All MU2 Codification Requirements

MEDHOST EDIS Integration

As the hub for patient services and care transitions, emergency departments (EDs) interact the most with other departments and healthcare providers, especially when 60 percent or more of ED patients are admitted. Because it's critical to ensure the best delivery of care, MEDHOST maintains integration between our EDIS to clinical and financial systems, ancillary departments, bed control, HIEs and patient portals, patient care devices and more. Additionally, the path of care after the ED encounter is far-reaching, so patient data needs to also be readily available to primary care providers, specialty hospitals and assisted living centers.

MEDHOST EDIS is built on a scalable and flexible architecture to ensure critical information is accessible across the continuum of care. MEDHOST EDIS has adopted the codifications required for Meaningful Use Stage 2, including SNOMED CT and RxNorm, to eliminate medication data-sharing barriers. In addition, MEDHOST utilizes REST services to retrieve picture archiving and communication system (PACS) images and look at C-CDA data, as well as allow other systems to access MEDHOST EDIS charts.

We've also used the power of integration to bring additional solutions to the ED and enterprise-wide. MEDHOST OpCenter is an add-on application to the EDIS that aggregates data in real-time from the MEDHOST EDIS, hospital ADT and other systems, making it possible to identify ancillary bottlenecks and other issues known to impede patient flow and impact ED operations. MEDHOST PatientFlow HD takes this concept enterprise-wide by providing hospital leaders with access to rich data to better manage and streamline inpatient admissions and discharges.



MEDHOST PatientFlow HD Integration

Even though integration makes patient data more readily available, MEDHOST is elevating the power of integration to the administrative level and delivering tangible operational and financial benefits. MEDHOST PatientFlow HD collects information from systems across the enterprise to give hospital leaders and decision makers a real-time view of patient flow and other operational issues that erode the bottom line.

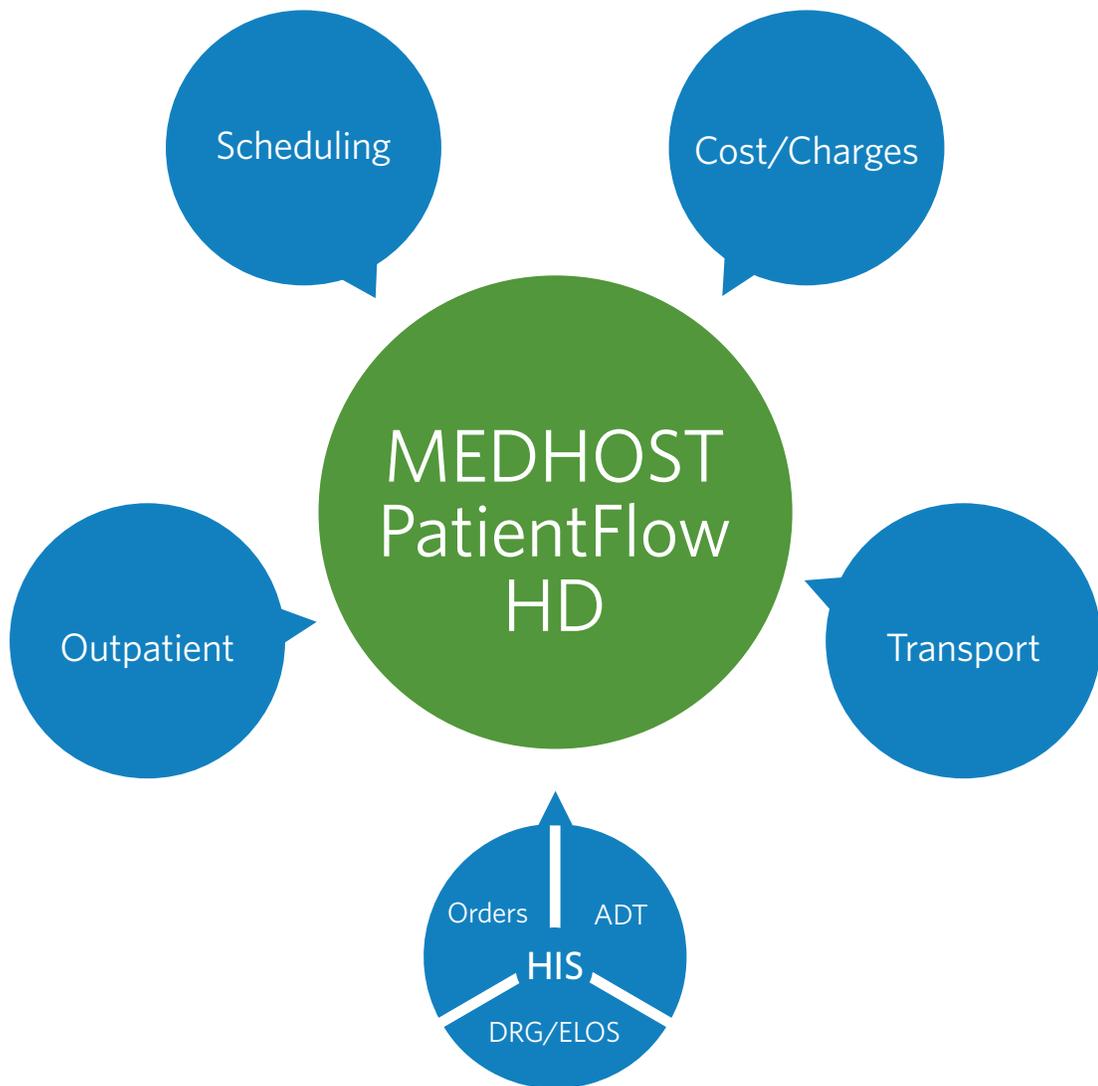
With PatientFlow HD, healthcare executives and hospital leaders possess the tools and visibility they need to proactively detect and manage financial outliers and high-impact patients, including 30-day readmissions, patients exceeding their reimbursed length of stay (LOS), observation status patients and patients occupying higher acuity beds than necessary. In addition to robust analytics and reporting tools, providers can also leverage MEDHOST PatientFlow HD to comply with The Joint Commission's patient-flow requirements.



Integration can do more than simply link systems; it affords you a new way to run your hospital.

MEDHOST PatientFlow HD leverages HL7 messages, and for typically difficult data that isn't available via HL7, such as diagnosis-related group information, MEDHOST has proprietary methods to extract it. We can even access your PBX system so you can automate telephone-based communication with departments such as environmental services. It doesn't matter what systems you have in place, we have the integration proficiency to retrieve the data you need so you can make critical business and patient-flow decisions with MEDHOST PatientFlow HD.

Integration can do more than simply link systems; it affords you a new way to run your hospital.



MEDHOST PIMS Integration

As one of the most demanding clinical and financially significant environments, synchronizing the perioperative department is no small undertaking, and for many perioperative system vendors, integrating numerous systems and patient-care devices is far too complex. That's not the case for MEDHOST. Our integration experts have identified how to remove every barrier to ensure critical details in patient charts, monitoring devices, etc., are readily accessible in MEDHOST PIMS and move with patients through every stage of surgical care. Included in PIMS and also available independent of PIMS is MEDHOST's robust, mobilized Anesthesia Information Management System (AIMS), so patient data is right at the anesthesiologist's fingertips, enabling them to make better-informed care decisions.

We've written proprietary drivers for any device capable of transmitting data electronically, and these drivers can convert data into HL7 messages, removing the requirement for vendor-specific gateways. So, no matter what device you have in your surgical department, MEDHOST can get data from it and feed it into MEDHOST PIMS and AIMS.

The smallest kink in the chain — a missing detail in a patient's chart or the wrong surgical equipment — can wreak havoc on even the finest-tuned surgical schedule, resulting in costly delays and cancellations. The same holds true for data needed during surgical procedures. MEDHOST makes sure that from the pre-op assessment through admission or discharge, the information clinicians need is readily available.

