The Aspect Emergency Department Throughput Framework (ED Throughput) improves the patient care experience by highlighting challenges and opportunities within a given workflow. ED Throughput is a flexible solution that can be customized to work within other workflow based departments or processes.

Aspect’s healthcare services practice includes more than 50 healthcare specialists with professional certification, experience and credentials in clinical services, healthcare technology and related fields. This experience gives your consulting services team a broad understanding of the healthcare industry and unique insights into resolving patient care challenges. ED Throughput, one of Aspect’s latest solutions developed from deep Microsoft technical know-how and business process expertise, delivers a high-impact workflow solution for the emergency department (ED).

Optimal Patient Care
In emergency medicine, patient care delays can be frustrating, costly, and dangerous. The ability to provide efficient, quality care in a fast-paced, stressful environment is critical to optimal outcomes, and in order to address both immediate and projected bottlenecks the emergency department requires real-time analysis of patient throughput.

Real-time Analysis of Patient Throughput
Aspect Emergency Department Throughput Framework
Invariably in patient care, if staffing isn’t appropriately allocated, safety is comprised. ED Throughput provides real-time analytics displaying patient throughput and highlighting inefficiencies where minutes count. Nurse managers can immediately allocate or reallocate appropriate resources to resolve identified or potential bottlenecks, thus improving the quality of patient care and staff efficiency. Hospitals are able to avoid many pitfalls facing emergency departments today, keeping patients safe and ensuring they receive the focused medical attention they deserve.

Implementation
ED Throughput presents a flow of patients through the department, using a model representing each step in the process, including the number of patients in queue at each step and the average time to pass from one step to the next.

Technology
Supported Database Platforms
- SQL Server 2008: Standard or Enterprise Editions
- SQL Server 2008 R2: Standard or Enterprise Editions
- SQL Server 2012: Standard, Enterprise or Business Intelligence Editions

Supported Microsoft SQL Server Reporting Services Configurations
- SQL Server 2008 / 2008 R2 / 2012: Native or SharePoint Integrated

Supported Data Feeds
- Meditech NPR / MDR
- Microsoft Amalga
- Any CSV / Flat File Source
**Deployment / Configuration Timeline**

Deployment configuration is factored on the following facets:

- Back-end data feed
- ED Throughput complexity
- Steps monitored
- Ancillary customizations (inclusion of labs, orders or other reports)
- Most implementations take between four and ten weeks

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**About Aspect**

Aspect is the only software company with a fully-integrated interaction and workforce optimization platform for enterprise contact centers globally that need to profitably (and seamlessly) orchestrate people, processes and touch points in an era when the contact center is the new center of the customer experience. For more information, visit [www.aspect.com](http://www.aspect.com).