


Client	Implementation Scope
<p><i>Our Client is a Professional Association based in US and focused on providing world class, nationally recognized emergency services to hospitals and health systems.</i></p> <p><i>Their reputation and expertise in the field of Emergency Medicine is national in scope.</i></p> <p><i>Their goal is to bring extraordinary value to their client hospitals by providing the finest board certified/prepared Emergency Physicians, staffing and support services in the industry.</i></p>	<ul style="list-style-type: none"> <i>The web-based Emergency Medicine Analytic and Reporting System provides: Emergency department data to you from any computer that has an internet connection.</i> <i>Robust graphs, charts and tables which can present the data in the way that is most helpful for you.</i> <i>Patient satisfaction, "On demand" and custom reporting and dashboards are designed to meet your reporting needs so you can always access the data you need whenever you need it.</i>


- SAP Business Objects R3.1** is implemented as a complete BI solution.
- Oracle 10g**--Database
- Xcelsius** is used to display dashboards covering various metrics displayed with the most effective graphics.
- Data Integrator** provided the best optimized/effective way to integrate data from various sources

Technology Stack



- Data integration**(Extraction ,Transformation and loading)
- Reporting** (Fetching the requested data)
- Data validation**(QA phase for BI implementation)
- Multidimensional Data Cubes** (metrics analyzed)
- Dash boards**

Modules Implemented



Implementation process

Integration

Emergency department
Information Management
Systems
Billing Details
Time Accounting

Information

The web-based
Emergency Medicine
Analytic and Reporting
System provides:
•Emergency Department
data to you from any
computer that has an
internet connection.
•**Robust** graphs, charts
and tables which can
present the data in the
way that is most helpful
for you.

Validation

The exhaustive QA
process takes care of
validating the data from
all aspects. This ensures
end user's confidence in
all the information
displayed through the
system.

Delivery

Once the data validation is
done report are deployed
onto user portal .reports
are pushed to user email
ids as per the predefined
schedule

Challenges

- Managing user groups and providing them with privileges as per the roles. Various user groups are based on:
 - Sites/Hospitals
 - Departments at the sites
 - Executives managing groups of sites
 - Departments at the parent company
 - Functionality required (i.e. simple user, super user, designer, administrator, etc.)
- Integration with the web portal and SSO
 - Creating multiple site-specific business models
 - Integrating data from various sites

Key Benefits



- This is an effective, enterprise-wide, integrated hub to track and improve fundamental **business measures** like visits per day, patient satisfaction % etc.
- All the information related to the emergency department i.e. daily visits, physician's details, other staff details, medical procedures, insurance details, patient satisfaction survey, etc., is available at one place and accessible through a click
- Apart from the external customers, even the company executives can **analyze/track** all the finance and the emergency department related transactions/visits
- The trend analysis reports helped the senior executives to analyze the current scenario and **design future strategies**
- This **streamlining** has achieved both cost and time savings for not only the company but also for its customers who are using this
- Comparison of metrics across various other hospitals/sites has helped the customers in a big way
- Customers were able to make their **processes more efficient** due to the availability of time-based metrics like "time taken from arrival of patient to first provider", "time taken from arrival of patients to discharge", "time taken for hold" etc.