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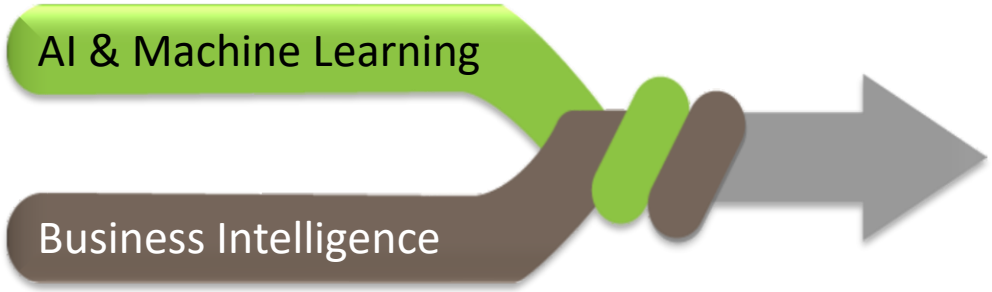
AI Ready – Business Intelligence Platform for Medical Imaging

Value Proposition:

Leveraging healthcare data has the potential to reduce costs, enhance quality, and improve the patient experience. The challenge is how to transition from information to insights, and translate this into action. Bialogics reduces the time it takes to connect to your data, visualize, analyze, and ultimately find answers.



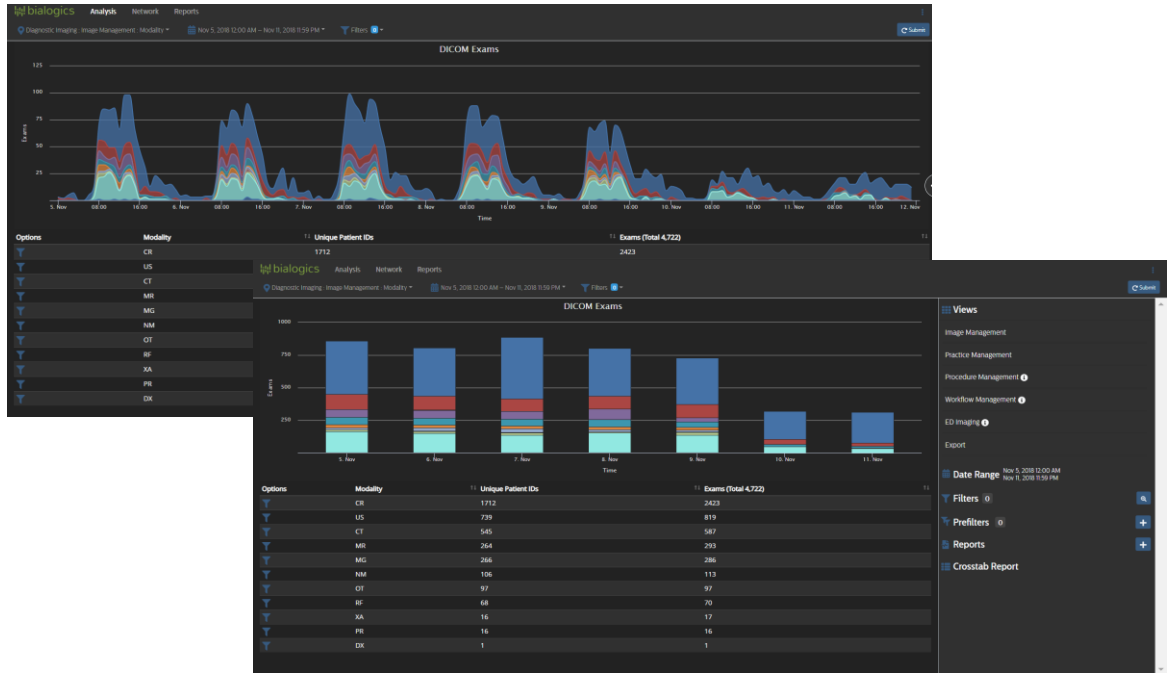
Bialogics delivers innovative solutions by integrating disparate data sources and business process analysis, leading to improved efficiency, patient care, operational performance and regulatory compliance.

Bialogics employs a simplistic approach in creating a true vendor-neutral, fully interoperable data management system decreasing development and installation resources. Combined with a low maintenance burden, is now a cost effective solution for Medical Imaging.

Operational Productivity

Provides real-time monitoring and trending displays of departmental performance through intuitive dashboards and real-time analytics

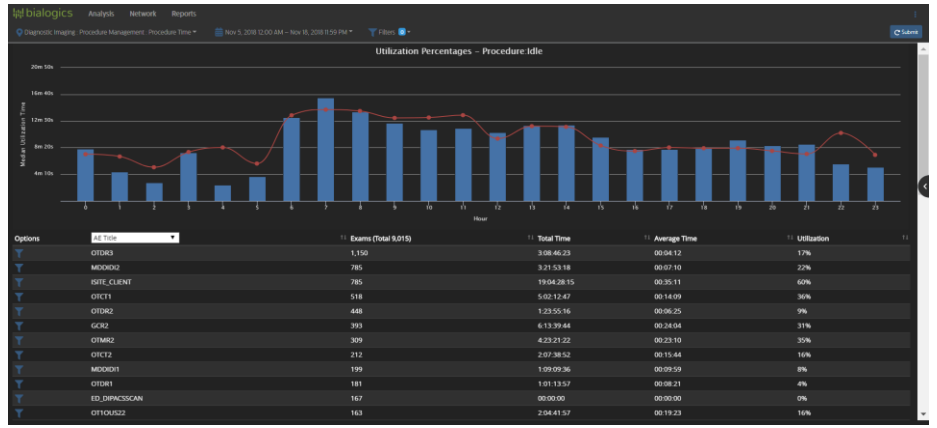
- Improve the efficiency and accuracy of departmental reporting
- Provide real time monitoring of operations
  - Number of patients and exams
  - Modality utilization and optimized scheduling
  - Visit Status E,I,O patient mix
  - Studies by contributing centers
- Manage and predict operating costs across resources and assets

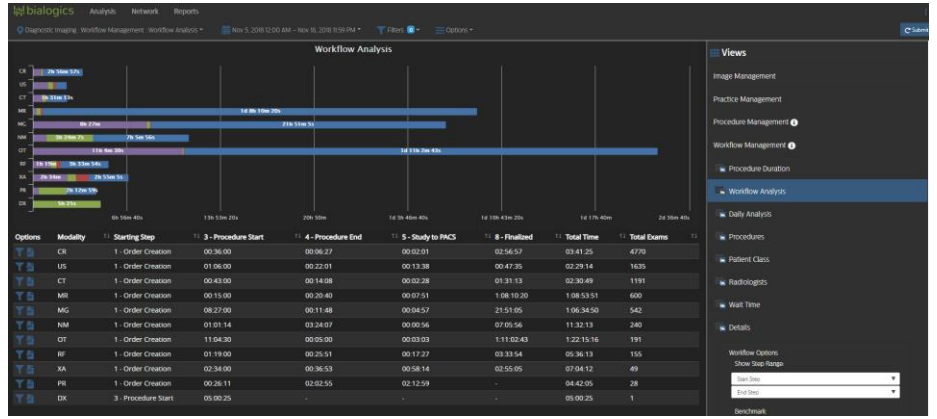


Practice Performance

Offers real-time management of operational and performance metrics allows for the evaluation of services offered

- Monitor Wait Times by specialty or procedure
- Track Turn-around-Times by department, specialty or Physician
- Optimize scheduling and resources requirements
- Balance patient load by type, location or class
- Standardize procedure and room times
- Drive cost efficiencies and revenue generation by closing operational gaps





Workflow Management

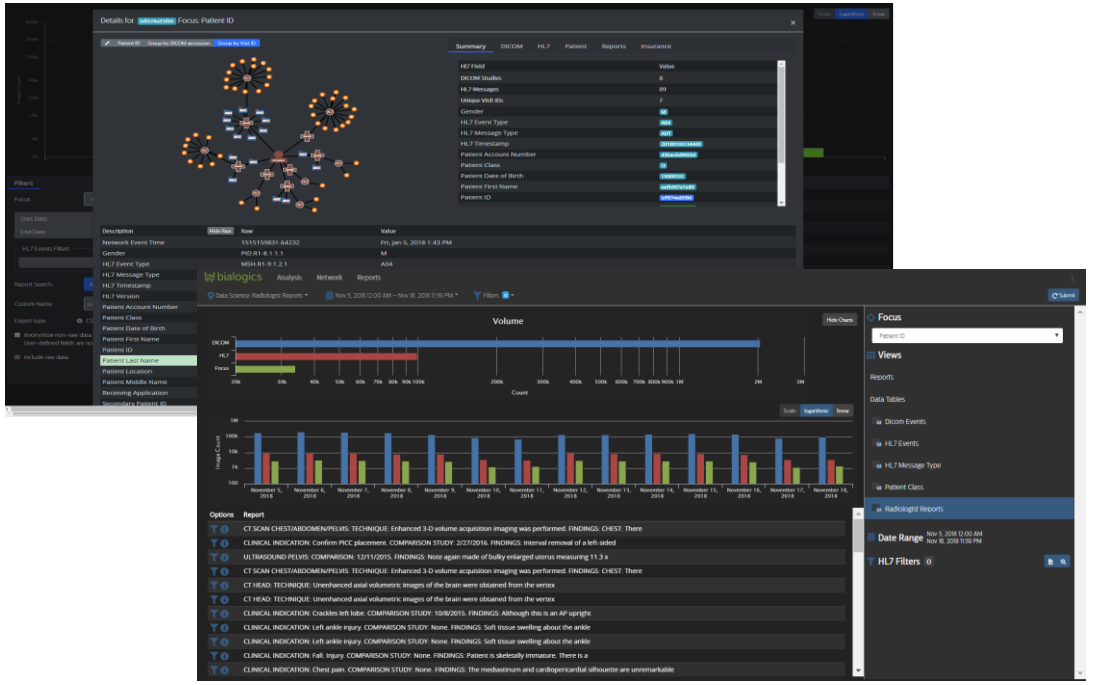
Improve workflow from Admission to Radiologist Report, enhancing the patients experience while also improving the patients care

- Set performance benchmarks consistent with Service Level Agreements by
  - Modality or Department
  - Procedure and Priority
  - Radiologist
- Tracking image access times and patient LOS
- Selectable Wait Time step measurement analysis
- Alerting to exceeding benchmarks status
- Increase throughput and efficiency

AI and ML Readiness

Bialogics has solved the challenge facing the evolving markets of AI by creating a single stream of normalized data across multiple siloes of medical imaging

- Combines structured and non-structured data into a clean searchable database
- Utilizes Natural Language Processing to build on the fly report queries
- Patient centric focus across multiple data sources with anonymization and de-identification for export
- Supplies live data streams to BI, AI/ML algorithms to improve knowledge formation and clinical decision support



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Connect with us or book a meeting to learn more

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