



Unlocking Insights from Any Data Source in the Healthcare Industry

Leverage Oracle Endeca Information Discovery to Unlock Insights from Every Source

- Harness the wealth of critical information stored in unstructured data sources
- Understand "why." Investigate and understand cause by exploring relationships between unrelated sources of data.
- Perform faster analytics in a user-friendly interface.
- Extract value from all relevant data, not just structured content.
- Leverage existing investments in business intelligence.
- Deliver analytics in weeks (vs. months or years).

The new regulatory environment has affected everyone in the healthcare continuum, and made imperative the need to improve efficiency while enhancing patient satisfaction. Organizations in the healthcare industry need decision-making insight that improves health outcomes and optimizes healthcare spending. The information available for decision-making is plentiful, from clinical data to care logs, to social media and third-party sources, but it often resides in unstructured formats, outside the reach of traditional business analytics systems. Oracle Endeca Information Discovery provides immediate access to this expanding amount of information, in a zero-training user interface that can immediately be used to enhance the decision-making process.

Decision-Making Challenges

Oracle Endeca Information Discovery helps healthcare organizations address the critical information access and analysis challenges plaguing the industry:

- **Care management and patient experience.** All organizations need to understand the right priorities, from prevention and wellness programs through to long-term chronic disease management. For payers, it's a matter of identifying and targeting the right members with the right programs and incentives that will get them to participate in wellness initiatives. For hospitals and care providers, it's a matter of focusing on successful medical outcomes.
- **Accelerating operational performance improvement.** Whether determining the causes of early readmissions or uncovering the causes of prolonged stay, Oracle Endeca Information Discovery can be used to get to the root causes of events, allowing the improvement of hospital protocols and performance while reducing the overall cost of care.
- **Claims analysis.** Insurance carriers need to be able to correlate information between different sources to optimize care plans and provide frontline claims analysts with the ability to identify possible fraud and abuse cases.

Proven Results

Oracle Endeca Information Discovery gives healthcare providers and payers complete visibility into the wealth of information created in the process of providing patient care, deriving new insights and enabling better decisions. A treasure trove of information lies untapped in nurse triage, discharge summaries, and medical device data, which due to its unstructured nature is outside the reach of traditional systems. Only Oracle provides a complete, integrated solution for superior structured and unstructured data analysis, optimized for performance and low total cost of ownership.



KEY BENEFITS

- Exploration and analysis of structured, semistructured, and unstructured data
- Text enrichment using theme and entity extraction as well as sentiment analysis
- Interactive visualizations
- Intelligent, state-of-the-art search capabilities and contextual navigation built into the product
- Drag-and-drop application composition, enabling fast configuration of new discovery applications
- In-memory architecture designed for performance

Oracle Endeca Information Discovery helps solve the problems associated with analyzing unstructured data. In doing so, healthcare providers and payers gain a more complete picture of a patient's clinical condition, find better ways to listen to patients and their families, and are able to get to the real root causes behind issues. Oracle Endeca Information Discovery creates transformative opportunities for clinical and business users, and enables IT to cost-effectively support them in

- **Improving patient care and satisfaction.** By providing the ability to use natural-language queries to derive insights from information from all sources, there is a tremendous opportunity for improving care protocols, improving patient trust, and lowering operating cost structures.
- **Detecting the relationship between seemingly unrelated events.** Due to the large volumes of information available and the complex nature of hospital care, it is difficult to spot relationships between causes and effects of patient care that may be important. Oracle Endeca Information Discovery synthesizes information to surface those relationships automatically.
- **Lowering risk and regulatory compliance costs.** With recent regulatory reforms, today's healthcare organizations are under more pressure than ever to use information to make efficiency improvements while accommodating increased regulatory oversight. Oracle Endeca Information Discovery enables organizations to identify risk conditions and activity so they can be remediated before adverse scenarios occur.

Unburden Your Overloaded IT Team

For healthcare provider and payer IT teams under particular pressure to manage costs while still being responsive to the business, Oracle Endeca Information Discovery combines the simplicity of search and the power of business intelligence with agile delivery. The hybrid search-analytical database at its core allows IT to load diverse datasources, configure easy-to-use applications, and iteratively expand them in a fraction of the time typically required to conform complex and ever-changing unstructured data. Unburden IT from the constant chasing of new requirements and nontraditional datasources for incorporation into the data warehouse, enabling them to deliver fast access to relevant data and self-service to business users while maintaining security, governance, and quality.

CONTACT US

For more information about Oracle Endeca Information Discovery, visit oracle.com/endeca.

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