



## Ensure Smooth Conversion to ICD-10 with Proper Testing

### ICD-10 Transformations Create Complex Testing Challenges

In the world of ICD-10 transformation, a successful test program cannot just have a pass or fail approach; it must assure that financial neutrality, benefit neutrality and clinical equivalency is maintained. This is the outcome payers, providers and members alike expect. To develop the critical requirements necessary to effectively measure results it is important to establish the right mix of testing expertise and industry insight. With the number of core systems and business processes affected, a risk-based testing approach is required to assure that the time and effort needed for testing is optimized, along with scenario planning and outcome analysis to focus testing on the most critical business processes.

Our end-to-end testing approach combines proven testing acumen, consulting expertise and deep industry knowledge, along with tools and real-life ICD-10 implementation experience to effectively address the critical applications and processes impacted by the transition to ICD-10.

### Cognizant's End-to-End ICD-10 Testing Methodology

Due to the number of ICD-10 codes and complex mapping scenarios, it is a daunting task to manually create, execute and validate ICD-10 to ICD-9 outcomes. Our end-to-end testing methodology leverages deep healthcare industry knowledge and the specialized expertise of our Testing Practice to provide a robust set of automated tools that will reduce the testing cycle time and iden-

tify/isolate any risks early in the testing process. It includes the verification of end-to-end business scenarios and systems that are relevant to ICD-9 and ICD-10 transactions, comparison of clinical, financial and analytical reports generated by the ICD-9 and ICD-10 code sets, and dual process testing to ensure early defect detection.

### Business Benefits

Developed by healthcare industry experts who understand your market and business, our testing methodology includes reusable ICD-10 test scenarios, multiple types of testing most appropriate for varying ICD-10 remediation techniques, and leverages our T-10 platform, offering a range of tools and accelerators to ensure ICD-10 quality assurance and deliver high-impact benefits to your organization. Key features include:

- **ICD-10 Business Process Testing Requirements Development and Outcome Analysis**
  - Effectively measure impact on critical business processes
  - Facilitate analysis of neutrality testing to ensure minimal business impact
- **Code Analyzer and Code Converter**
  - Fast and easy transition from ICD-10 to ICD-9 codes and vice versa
  - Reduce time and effort during test execution
- **ICD-10 Test Priority Model**
  - Early detection of issues with frequently used codes
  - Increase detection of defect rates

- **Edimex Autogen**
  - Increase time to market
  - Reduce time and effort during test data preparation
  - Optimize network performance with improved utilization management and provider contracting
- **SimulateX**
  - Facilitate Diagnosis Related Groups (DRG) statistics evaluation
  - Access detailed reporting and performance dashboards
- **ICompare**
  - Compare ICD-9 and ICD-10 claim related benefit parameters
  - Flat comparison and key-based comparison

Our healthcare business consulting services can help minimize the risk of ICD-10 compliance. Using an integrated approach to business and IT sourcing, our healthcare business consulting services help you quickly pinpoint problems and leverage industry standards to map out solutions, drive change and improve business efficiency.

### Why Partner with Cognizant?

Our Healthcare Practice delivers a unique combination of capabilities critical to your success:

- **Regulatory Compliance Experience:** We have helped leading healthcare organizations gain a 360-degree view of the business and organizational impacts of ICD-10 and assist in developing a roadmap for compliance and transformational change – from assessment, remediation, and testing, through roll-out and post compliance monitoring.
- **Recognized Expertise:** Our deep domain consulting knowledge, information technol-

ogy delivery leadership, and business process management capabilities are supported by more than 14,500 healthcare industry professionals including physicians, nurses and other clinicians, as well as consulting and technology professionals, who provide the expertise to address your unique challenges.

- **Industry Leadership:** Our healthcare clients include nine of the top 10 U.S. health plans, three of the top five PBMs, many providers and industry intermediaries. We've consistently been named to the Healthcare Informatics Top 100 list, a testament to our continual investment in building strong relationships with our clients and the trust we have built across the industry.
- **End-to-End Solutions:** We provide integrated, end-to-end solutions to implement rapid process improvements, transform your business, and achieve sustainable competitive advantage. Our solutions offer fresh perspectives and innovative approaches across the services continuum – from strategic business consulting to business process outsourcing.
- **A Passionate Focus on Client Needs:** We work in partnership with our clients – some of the largest healthcare organizations in the world – to make their businesses stronger and more valuable. And our “client-first” culture of customer satisfaction results in more than 90% of annual revenue derived from existing highly satisfied clients.

### Start Today

Find out more about how Cognizant's end-to-end ICD-10 testing methodology can help your business reduce time to readiness and add significant value to your organization. Contact us at [inquiry@cognizant.com](mailto:inquiry@cognizant.com), or visit us online at [www.cognizant.com](http://www.cognizant.com).

## About Cognizant

Cognizant (NASDAQ: CTSH) is a leading provider of information technology, consulting, and business process outsourcing services, dedicated to helping the world's leading companies build stronger businesses. Headquartered in Teaneck, New Jersey (U.S.), Cognizant combines a passion for client satisfaction, technology innovation, deep industry and business process expertise, and a global, collaborative workforce that embodies the future of work. With over 50 delivery centers worldwide and approximately 111,000 employees as of March 31, 2011, Cognizant is a member of the NASDAQ-100, the S&P 500, the Forbes Global 2000, and the Fortune 500 and is ranked among the top performing and fastest growing companies in the world. Visit us online at [www.cognizant.com](http://www.cognizant.com) or follow us on Twitter: Cognizant.



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