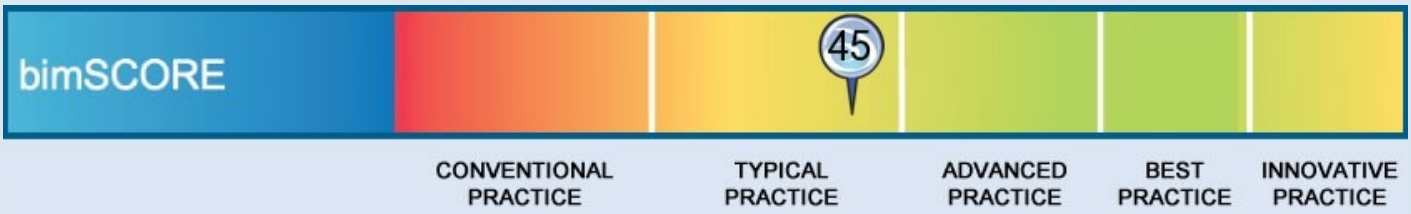

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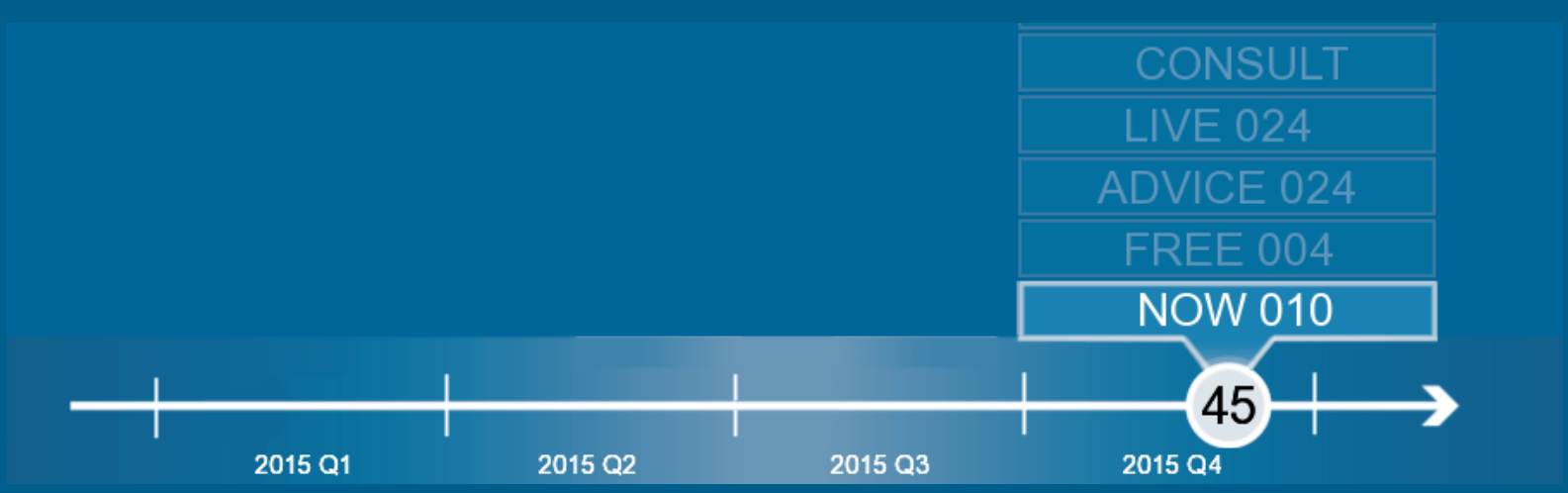

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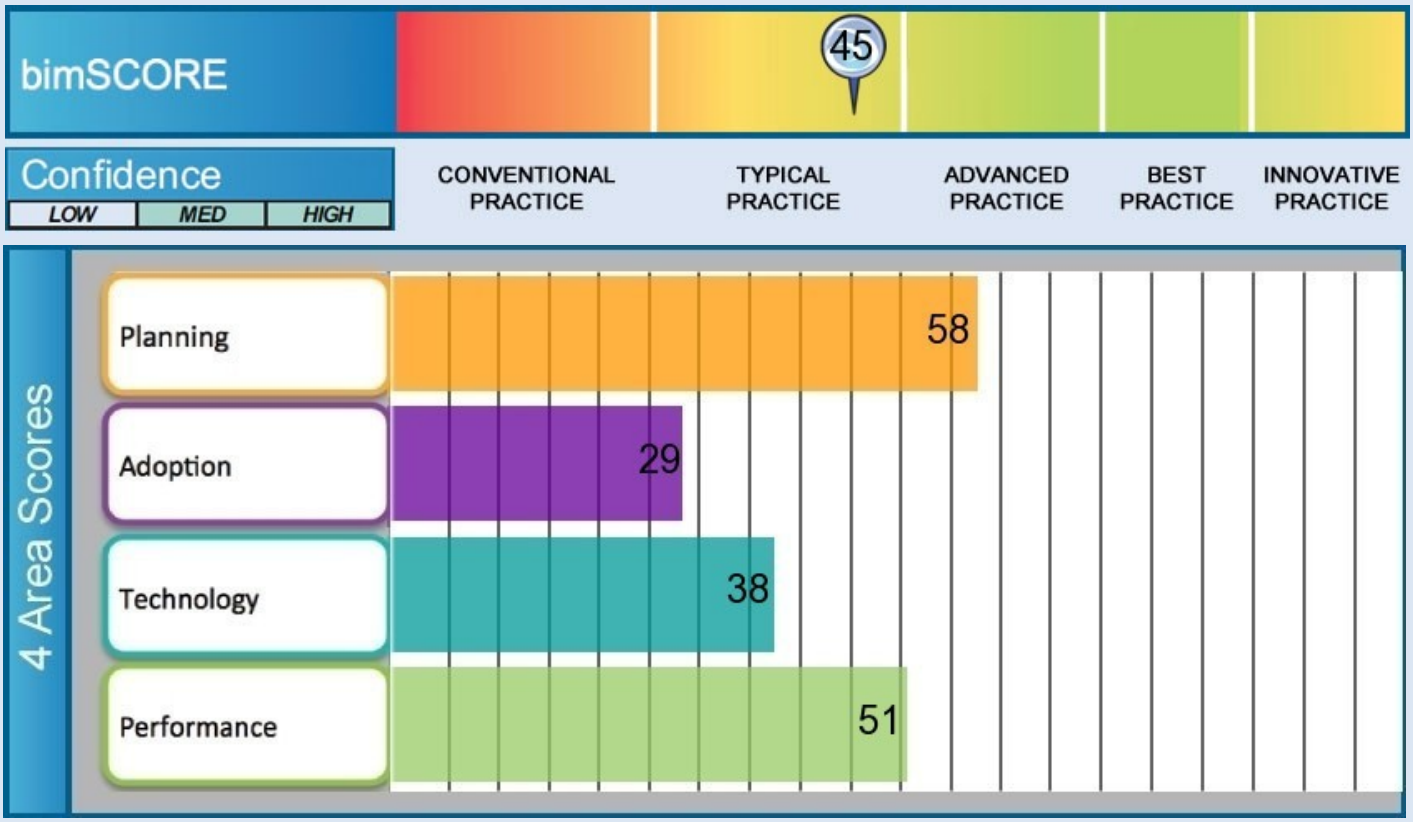
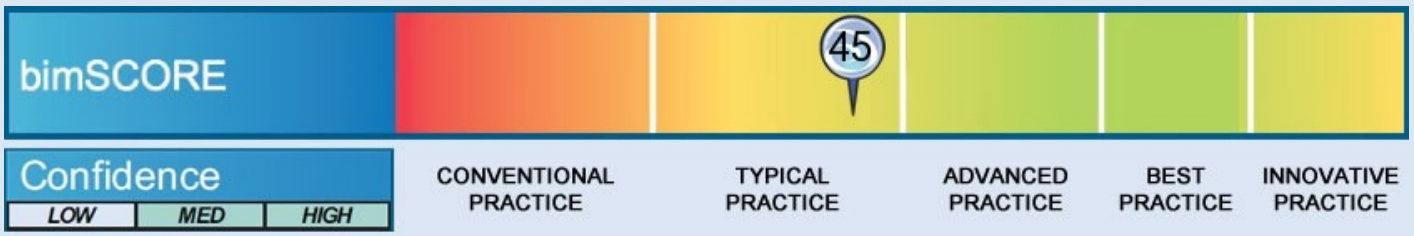


INTRODUCTION

AU 2015 -User bimSCORE project engaged in a NOW 010 bimSCORE evaluation on 2015-12-03 answering a short series of questions online. Based solely on the information by Justin bimSCORE, bimSCORE.com evaluated the project's BIM maturity, benchmarked the project in comparison with international standards, and produced the following report.

FINDINGS AND SCORES

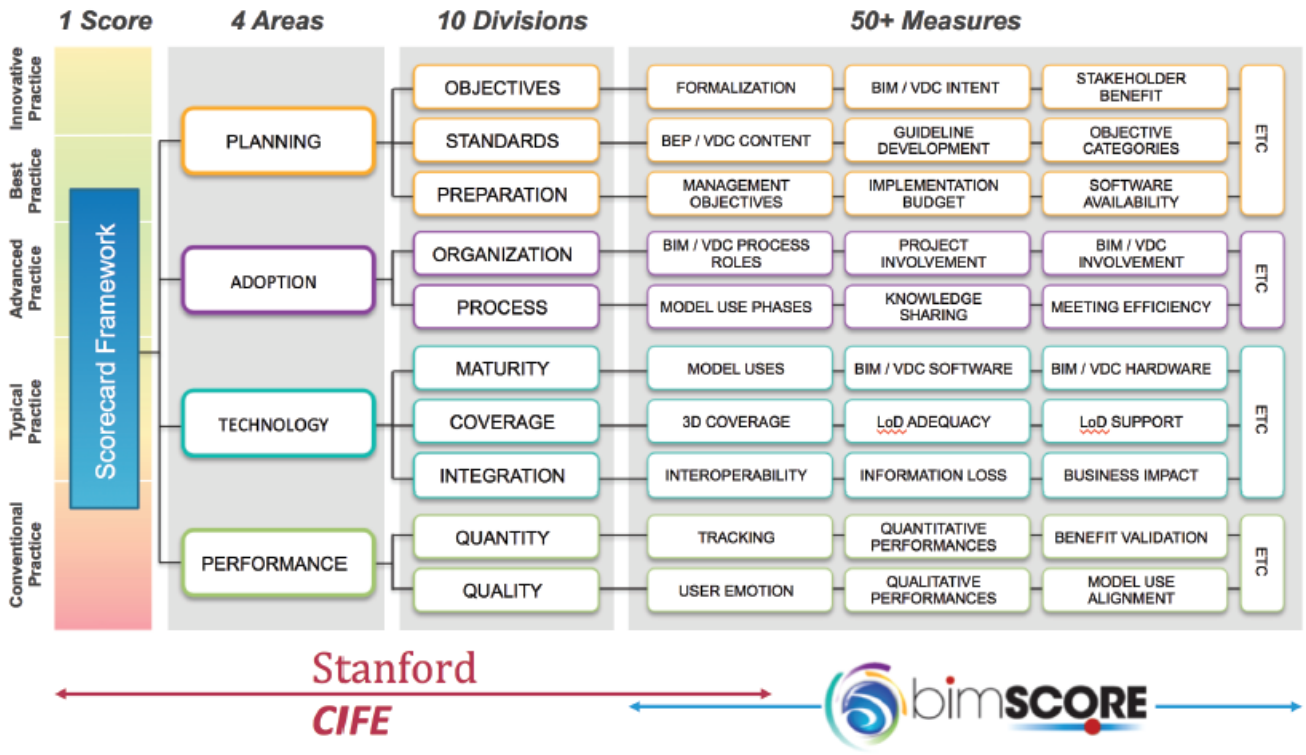
The current overall bimSCORE for this project is 45 placing it in the range of TYPICAL PRACTICE observed in industry.

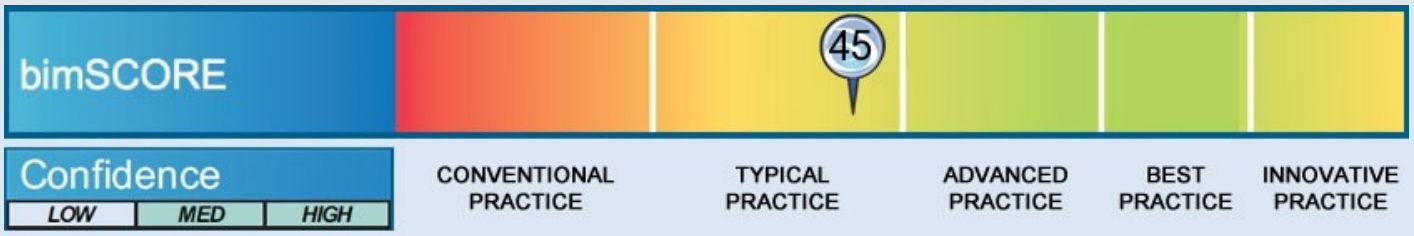


SCORING FRAMEWORK

bimSCORE NOW 010 evaluations, inspired by research conducted at Stanford University's Center for Integrated Facility Engineering (CIFE), rely on 10/10 measures of Building Information Modeling (BIM) and Virtual Design and Construction (VDC) implementation, organized into four areas: Planning, Adoption, Technology, and Performance. The overall score, as well as scores in each area (and further topical divisions of each area), are used to benchmark the project on a five tier scale: Conventional Practice (without BIM), Typical Practice (with BIM), Advanced Practice, Best Practice (employing best practices proven in industry application), and Innovative Practice (industry firsts). The scores

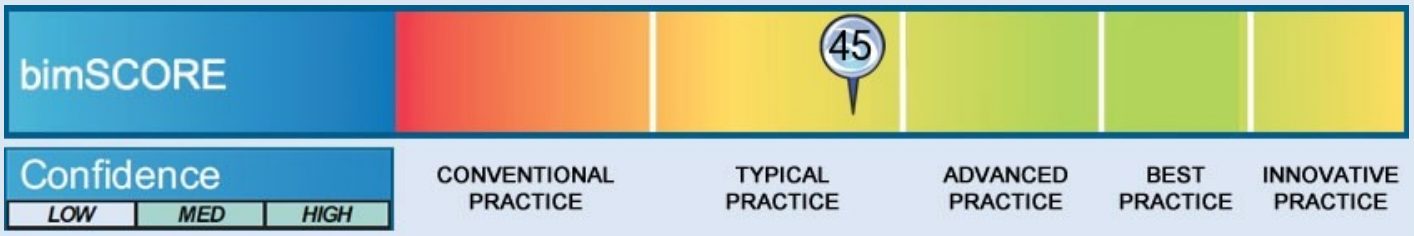
given in this report represent a snapshot in time. If scoring is performed on a periodic basis, which is highly recommended, scores may rise or fall based on changing project conditions and performance. Scores reported for identical inputs may also be different in the future, since bimSCORE benchmarks are periodically updated to reflect the current state of practice.

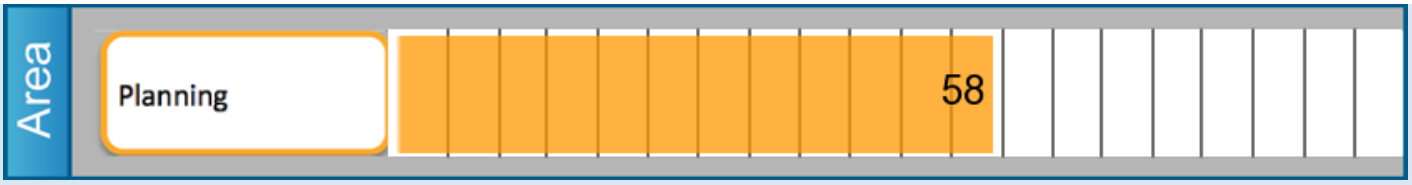




METHOD

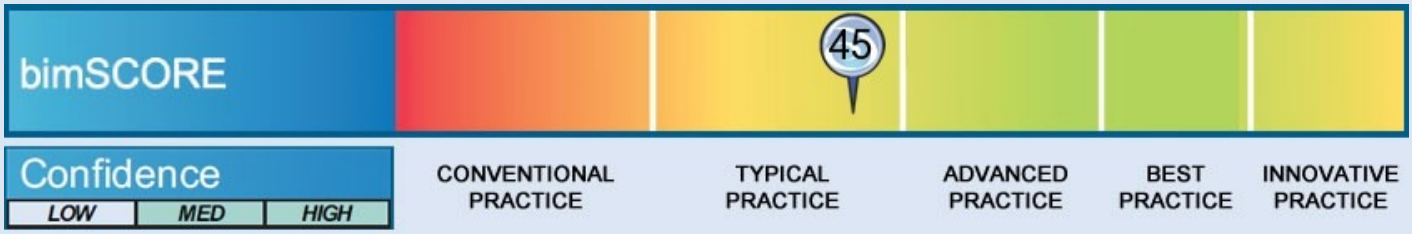
Information for this evaluation was gathered through an interactive online process. Responses to questions were tabulated, evaluated using bimSCORE algorithms, benchmarked and ranked to current international practice standards, and reported using the bimSCORE user interface (online) and an automated reporting system, which e-mailed the report.

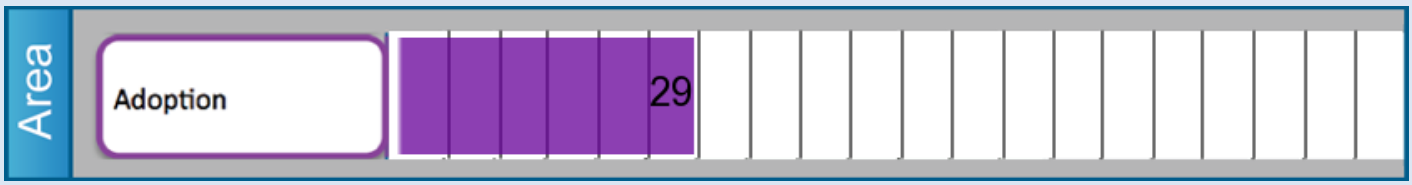




PLANNING:

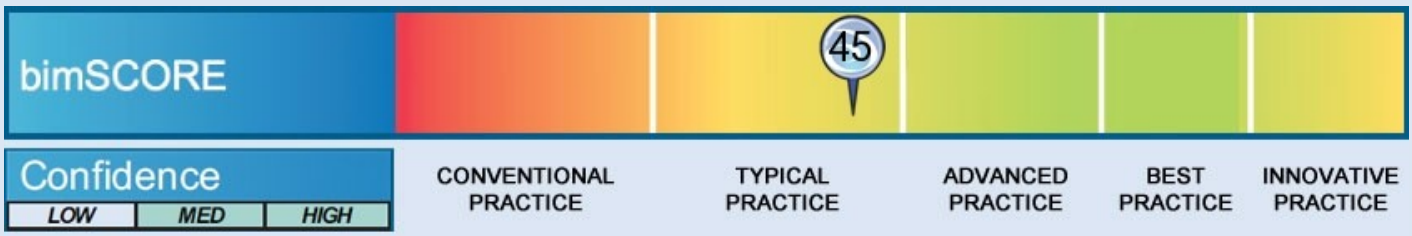
The Planning Area evaluates how well a project or enterprise incorporates VDC objectives, standards, and preparation into project delivery and management practices. The evaluation considers how widely objectives are shared and documented within the team, completeness of BIM Execution Planning guidelines, and integration of BIM into project information management systems.

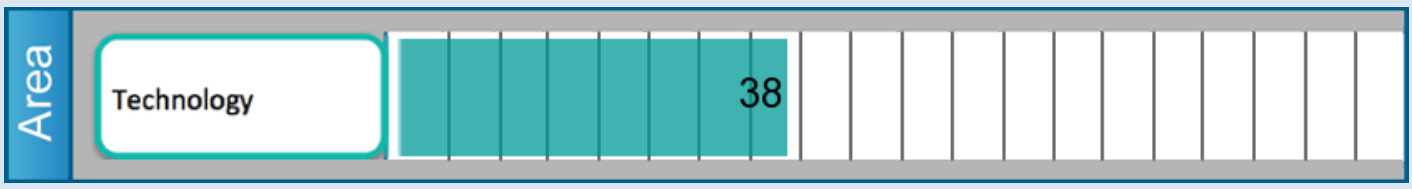




ADOPTION:

The Adoption Area evaluates how well project organization and processes accommodate and motivate VDC implementation. The number and responsibilities of stakeholders using BIM, and the range of process achieving benefit from VDC are significant contributing factors to this area of evaluation.

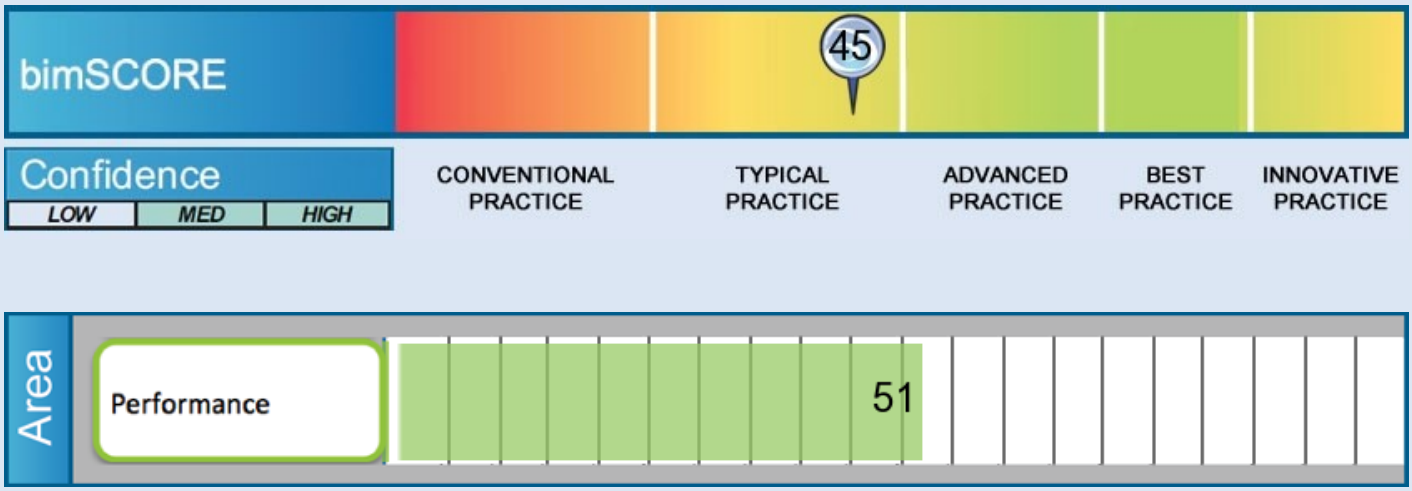




TECHNOLOGY:

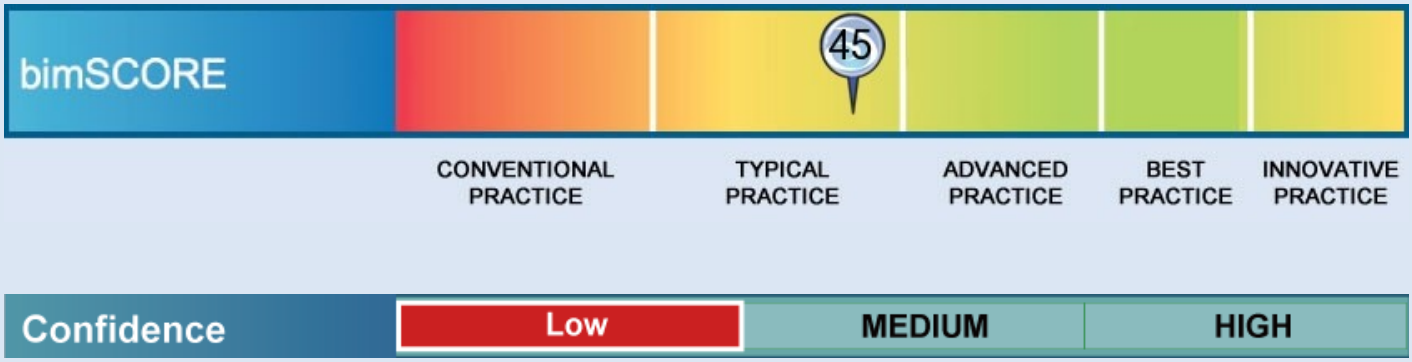
The Technology Area evaluates model uses, coverage, and integration of applications within an enterprise or specific project. Maturity is assessed in terms of five model use levels: visualization, documentation, model-based analysis, integrated analysis, and automation of optimization. These five levels represent the progression of technology maturity, from using BIM for simple renderings or 4D animations (visualization), to using applications to automate checking code requirements or optimizing designs with respect to facility performance objectives (automation and optimization). Coverage refers to the level of detail of BIM's and analyses, and the scope of model and data application. Integration is evaluated based on the formats and frequency of model exchanges, the degree to which interoperability affects

productivity and information loss, and what impacts this has on business objectives.



PERFORMANCE:

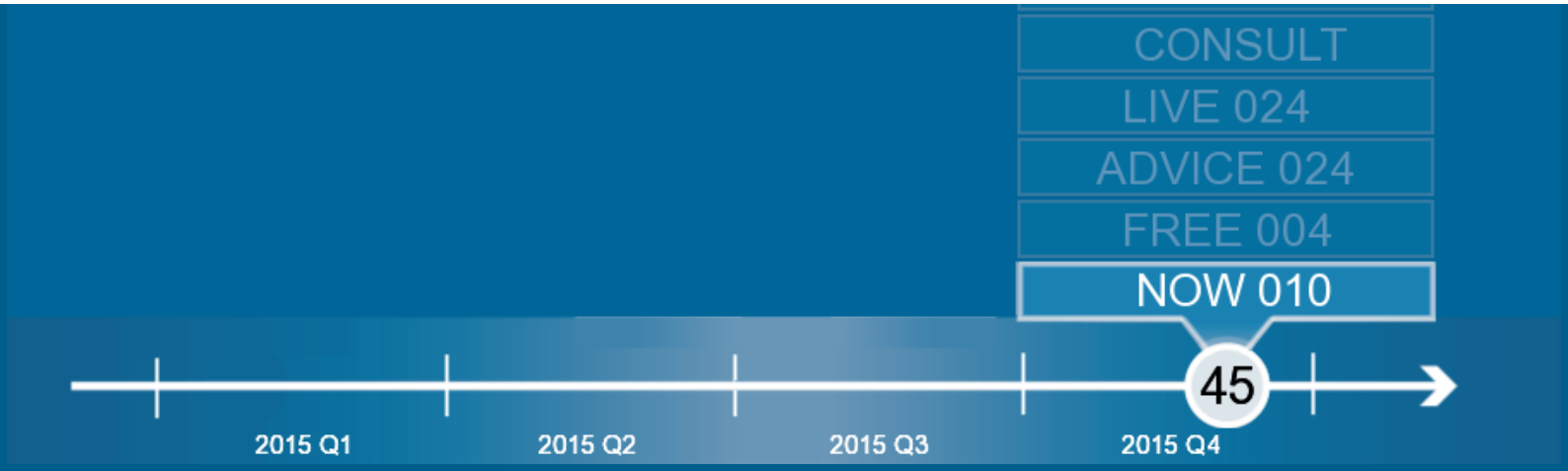
The Performance area evaluates accomplishments using both quantitative and qualitative measures, comparing results with targets established by and for the enterprise or project. Performance measures for this online evaluation are based on frequent tracking results, and the team's experience of VDC and BIM in helping meet their objectives.



CONFIDENCE LEVEL: LOW

Confidence Level: The overall bimSCORE is paired with a Confidence Level reflecting the accuracy and certainty in the evaluation. The confidence level for NOW 010 self-administered online reports are low because the number of measures (10) is small, and data such as actual BIM Execution plans and results of performance tracking have not ben verified by third party observers. Confidence level increases with 024 ADVICE due to the increased number of measures, and in 024 LIVE since third party verification is included through interaction with the bimSCORE team. The highest confidence levels come with CONSULTING services such as Express using more that twenty measures, and In-Depth using more than fifty measures, with evaluation of data performed by bimSCORE team members, and scoring validated by a minimum of three bimSCORE team members.

Thank you for using the bimSCORE advisory service of:

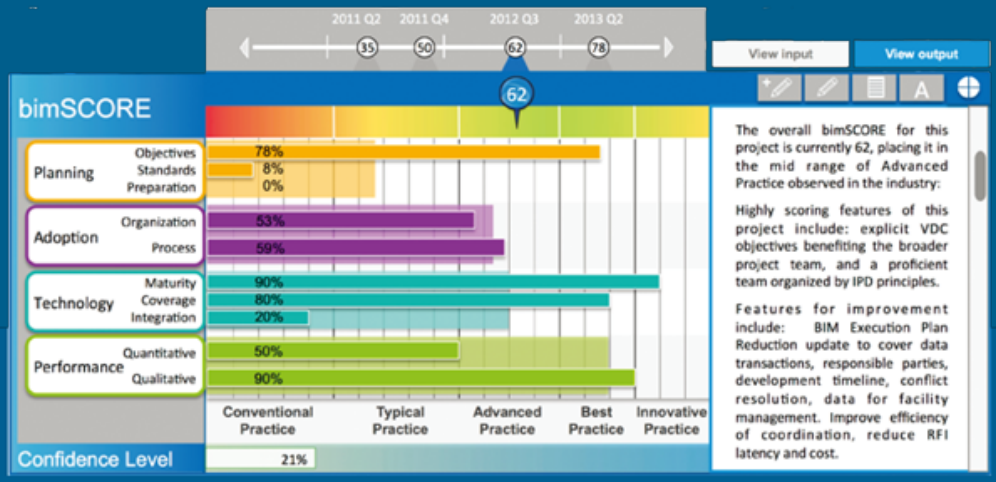


choose a higher advisory level to gain additional feedback and improve your confidence level!

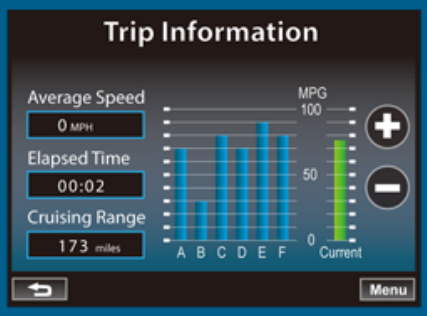
Your GPS to BIM Implementation

- Set clear objectives
- Select best path
- Respond to changing landscape

bimSCORE Evaluation

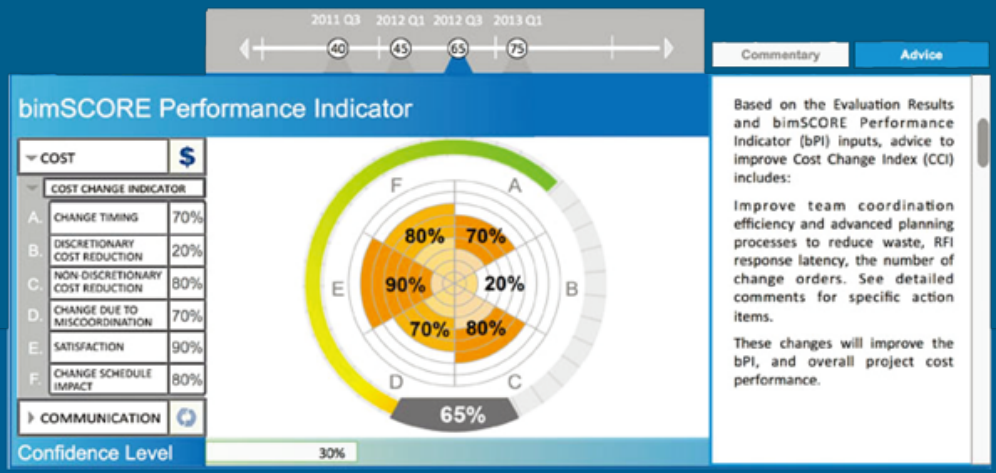


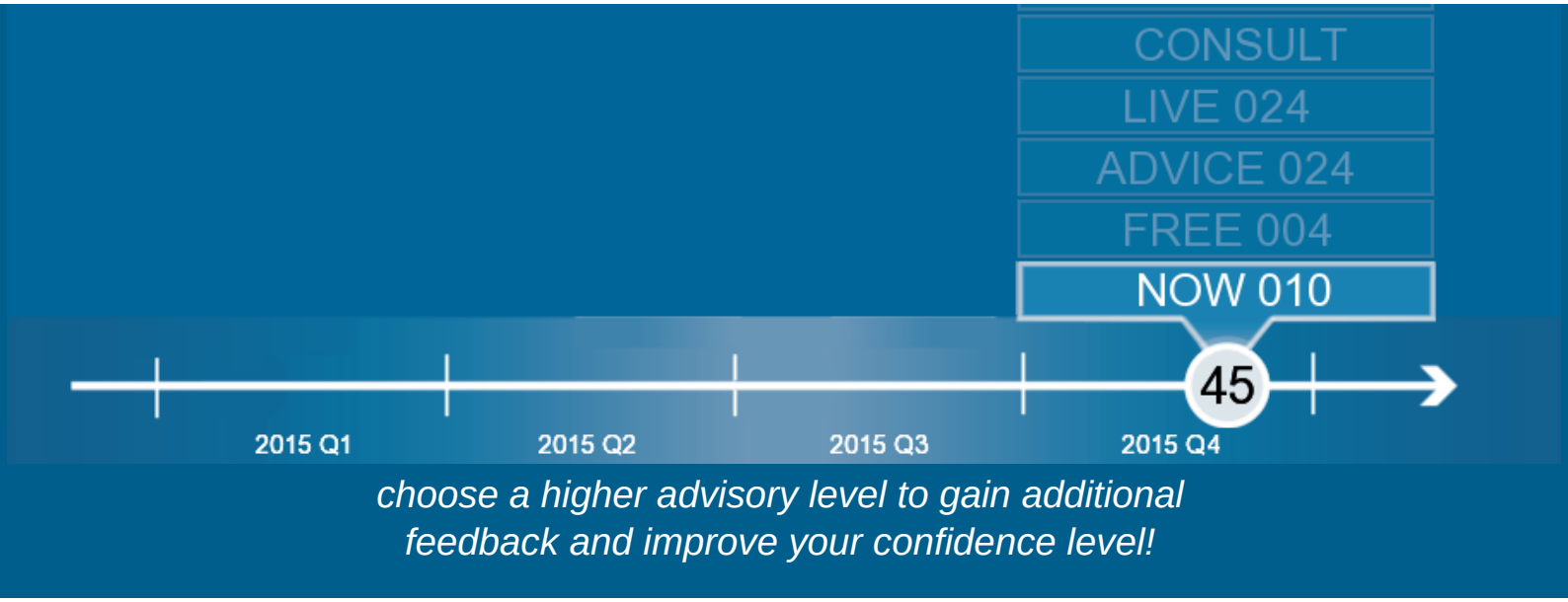
BIM Journey Information



- Monitor progress
- Optimize value

bimSCORE Performance Indicators





choose a higher advisory level to gain additional feedback and improve your confidence level!

STANFORD CIFE

bimSCORE

ARCHITECTS & ENGINEERS
OWNERS
BUILDERS
GOVERNMENT
OPERATORS

Proven Scientific Method

- Based on original research at Stanford University, Center for Intergrated Facility Engineering (CIFE)
- Objective evaluation, benchmarking to international Standards, and advise for continual improvement
- Objective, clear numerical comparisons

bimSCORE maximizes Return on Investment (ROI) for BIM

- For all Stakeholders
- In all Project Phases from project conception through operation

Reliable Management Data

- Scalable to Projects, Project Portfolios, and Enterprises of any size
- Evaluates and Compares projects, identify areas of concern or high performance
- Provides advice from Global Knowledge bases of Successful Solutions
- Customizable lenses for project type, regions, individual firm needs
- Integrates with other management and reporting systems

Services Include

- **TARGETING**
  select achievable goals & proven methods
- **NOW**
  instant, online scoring & benchmarking
- **PRO**
  expert benchmarking & advice for optimization

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