



IBM Watson Health™

Transform your facility design
for optimal functionality —
from various perspectives

A Lean, integrated approach designed to help you:

- Implement your project on time and under budget
- Reduce non-value-added space
- Increase efficiency and speed of care
- Decrease operational costs, including equipment, furniture, and energy

Simpler® Consulting was acquired by Truven Health Analytics®, part of the IBM Watson Health™ business in 2014. Truven Health Analytics was acquired by IBM in 2016 to help form a new business, Watson Health.

As both the business and practice of healthcare continue to evolve, hospitals and health systems must consider the ability of their facilities to keep pace. Inefficient design and construction can stand in the way of sustainable healthcare optimization.

Whether starting from scratch or redesigning an existing location, Integrated Facility Design (IFD) from Simpler® Consulting, part of the IBM Watson Health™ business, offers Lean guidance that will help you streamline your project from conception to execution.

[Put our Lean IFD approach to work for you >](#)

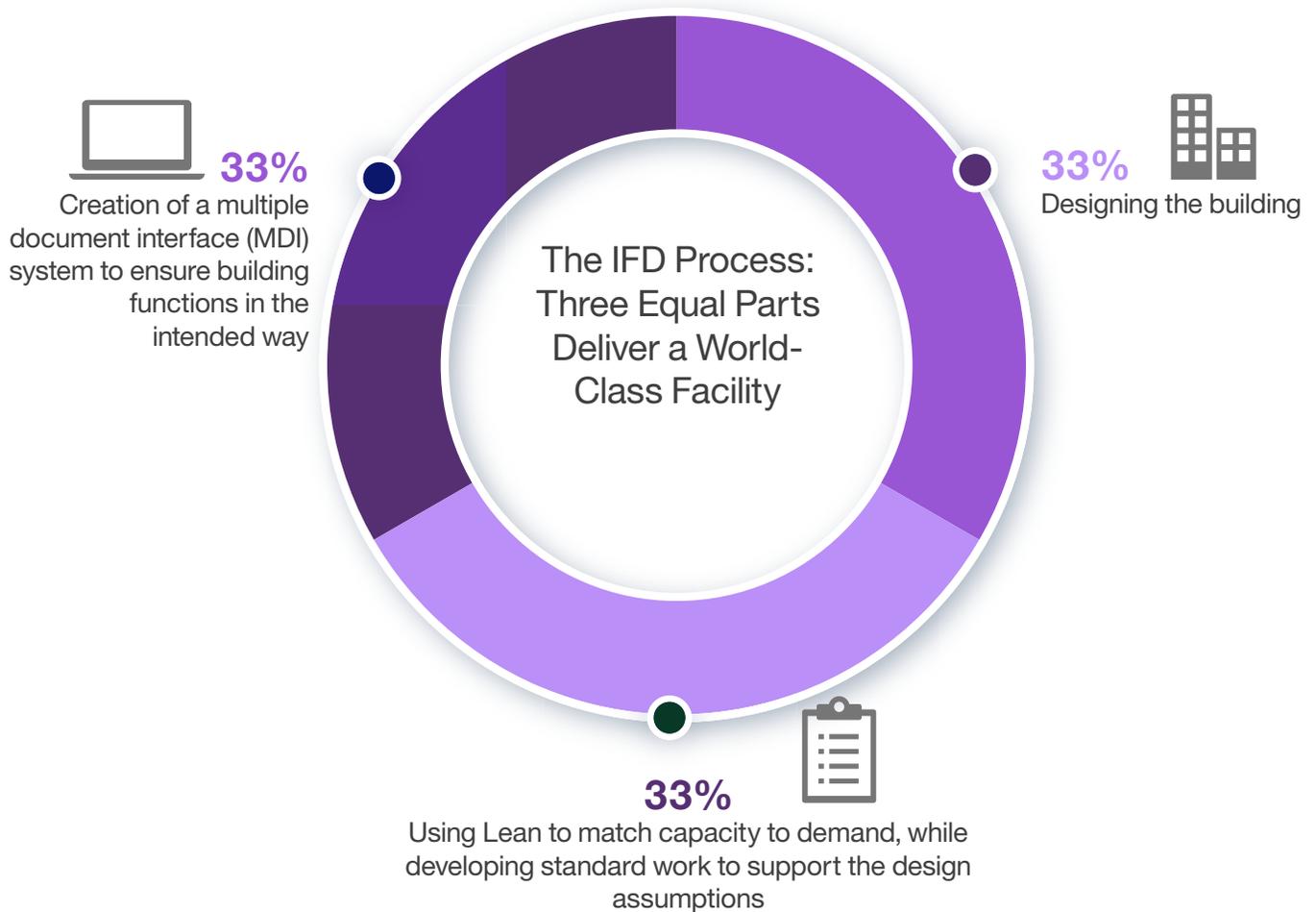
Achieve breakthrough improvements in design

Through the application of proven Lean management principles, the Simpler approach to IFD helps optimize the experience of all stakeholders—from patients and families, to physicians and nurses, to nonclinical staff and building architects.

The result is functionality designed to meet patient demands, occupy a smaller footprint, use fewer building resources, constructed in less time and reduce the total project cost.

More than just a new building – Potential benefits of IFD

- Get an accurate forecast of the efficiency of your layout by linking the facility design to your profit-and-loss statement
- Improve unit configuration to identify wasteful patient transport and walking time, which can help optimize the speed of care
- Reduce costly square footage by determining the optimum number of rooms and beds
- Monitor readiness with standardized work planning that establishes ideal sequences and timing
- Confirm improvements will continue once the facility opens by aligning all stakeholders with Lean principles such as line-of-sight, continuous flow, work cells, point-of-use and more



Our process moves from your organization's fundamental culture—values, beliefs and principles—down to its practical details—chairs, drawers and lights—through five phases.

The Five Phases of Integrated Facility Design



Linking design to business strategy

IFD challenges individuals to think about the healthcare system at a macro level to help you eliminate waste and understand how the eight flows of healthcare affect the final output. We link the design metrics to your organization's True North metrics for physician and staff engagement, employee safety, the quality of patient care, experience and growth, and reduction of defects in the commercial sector. Once understood by the design team, the metrics keep them focused on the strategy driving the design.

Turning leaders into teachers and coaches

The true value of Simpler lies in transferring Lean knowledge to our clients so they become internally capable of achieving cyclic improvement. Activities are team-based so that as process performance is improved, everyone learns the methods and techniques for identifying and reducing waste.

All Simpler coaches have held previous leadership positions with Lean-related responsibilities. This firsthand experience in the application of repeated improvement has helped accelerated their understanding of what it takes to be successful. It is this experience that allows them to relate to clients who are beginning their own Lean journey, as well as clients who are ready for the next level of coaching and improvement.

Our approach is customized to your organization, and will empower you to:

- Adapt the methods, management system and mindset of your organization's business system to the IFD methodology
- Move beyond simple waste reduction to advanced Lean design practices
- Build long-lasting improvement capabilities throughout your organization
- Address the technical, political and cultural elements of organizational change

Simpler applies the elements of IFD to help you fulfill the following needs:

- Hospital master planning
- Integrated project delivery
- New hospital design
- Hospital renovation
- Department layout improvement

Experience matters

Don't put a multimillion-dollar project at risk. Get the information and guidance you need from the start. Backed by 30 years of experience in healthcare Big Data and advanced analytics, and nearly 20 years of guiding Lean transformations in healthcare, Simpler is an innovative leader in teaching hospitals and health systems how to identify and implement the best strategies for enterprise-wide improvements.

What's at Stake?

U.S. Medical Real Estate Construction Pipeline = **\$86.7 billion**

Consisting of:



123.1 million
square feet



1,189 projects

542 medical
office buildings



647 hospitals



50% of the cost of a typical
construction project is **waste**

5% of costs spent on bidding process



Typical Construction
Projects Are:

Over Budget

(72%)



Over Schedule

(70%)



Sources: Revista Mid-Year 2015 Medical Real Estate Construction Report; Building Smart Alliance; Rex Miller, et al, The Commercial Real Estate Revolution, Hoboken, NJ, Wiley & Sons, Inc., 2009

About Simpler Consulting, part of the IBM Watson Health business

Simpler® Consulting, part of the IBM Watson Health™ business, is a leading management consulting firm that helps organizations around the globe to improve performance through Lean transformations. Since 1996, Simpler has worked closely with clients to foster an organizational culture that continuously seeks out opportunities to make improvements, and to help stimulate business-impacting results. With its proprietary Simpler Business System®, Simpler has helped clients to implement Lean transformations across a wide range of industries.

Simpler Consulting was acquired by Truven Health Analytics® in 2014. Truven Health Analytics was acquired by IBM in 2016 to help form a new business, Watson Health. Watson Health aspires to improve lives and give hope by delivering innovation to address the world's most pressing health challenges.

Get connected

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P.O. Box 36
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Produced in the United States of America
August 2017

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As of the latest publication date, the healthcare information presented here is accurate.

HPBC03036-USEN-00