

SIEMENS

Ingenuity for life

BIM

Building information modeling (BIM)

Understanding the language of buildings

[siemens.com/bim](https://www.siemens.com/bim)

Digitalization lets buildings talk and gives you the chance to listen

Data and technology are transforming every aspect of our lives, disrupting the status quo and creating exciting new ways of doing things. We are part of a constantly evolving and innovative environment that offers smarter and more flexible solutions to the construction industry.



With a comprehensive portfolio, state-of-the-art technologies and in-depth expertise, we are successfully driving the digitalization of buildings forward. Buildings are talking – and we enable you to understand what they want to tell you. With our expertise in dynamic data, we

take data analytics and data-driven services to the next level with BIM. As our trusted partner, you benefit from all the information you need to create a perfect place – from the initial planning phase over the entire lifecycle.

Create value from your building with BIM

Earlier conflict
and error
detection



Faster
project
delivery



Fewer
accidents
on job sites



Basis for life-
cycle cost
optimization



Higher
building
quality



Improve
budget
reliability



BIM helps you to plan, build and operate your buildings with greater insight. BIM data combined with real-time building data will enhance predictive data analytics over the building lifecycle. This allows you to achieve significant gains around productivity, efficiency, reliability and overall quality.

Up to
40%
decrease in unbudgeted
change orders

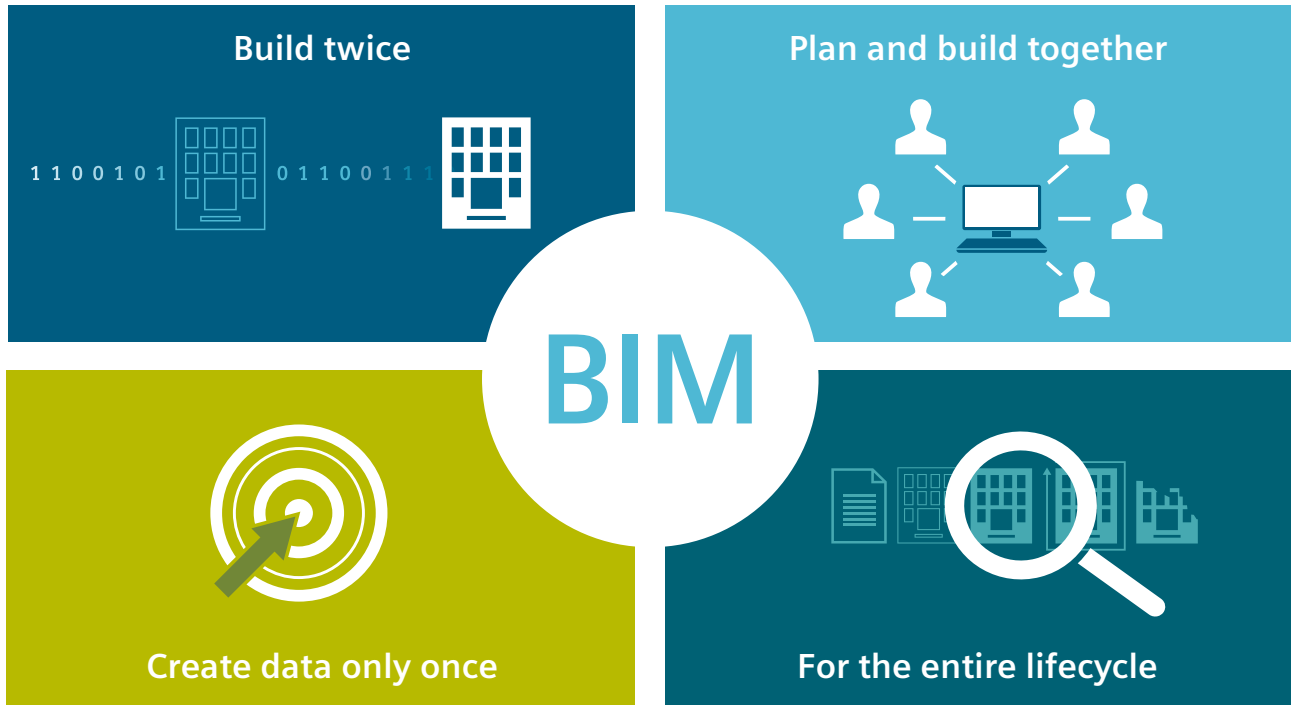
Up to
10%
savings in budget due to
collision management

Operation costs
lowered by up to
9%

Project timeline
shorted by up to
7%

Source: CIFE, Center for Integrated Facility
Engineering, Stanford University

BIM supports the entire digital building lifecycle



The future of the construction industry is digital – and built on a holistic approach that connects all parties involved. We combine the BIM process with consulting

and system expertise to create and implement strategies that help you to reduce costs, increase productivity, minimize risk and support business goals.

Enjoy increased efficiency and flexibility

How we understand the language of buildings



Siemens owes its success in delivering digital services to its strengths and competencies in building management and predictive data analytics, supported by reliable and secure infrastructure. With our trusted domain and IT

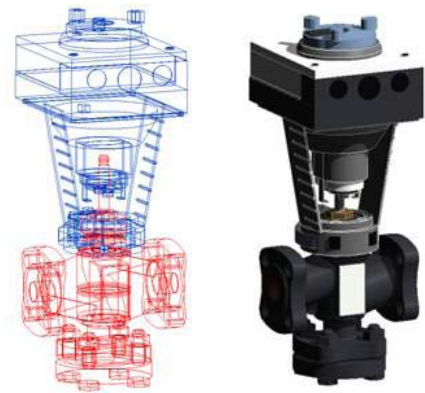
expertise, we have built long-standing credibility around all disciplines of building technologies. In our pursuit of excellence to deliver the perfect place, you essentially benefit from our years of experience in building technologies.

Siemens BIM-compliant product data: The basis of all digital buildings

Siemens BIM-compliant product data allows easy integration of the data into CAD systems.

With more than 1,300 products already available and more to come, Siemens is setting the benchmark for BIM-compliant product data.

- Fast download of all data
- Uncomplicated plug-in installation
- Filter function for easy product selection
- Integrated IFC export function
- Regular plug-in update to keep data current
- Continuous expansion of BIM data



BIM-compliant data according to:

- VDI 3805/ISO 16757
- IFC/ISO 16739
- COBie standard

Download via:
www.siemens.com/bim



Benefit from our BIM experience



New Building Technologies Division Headquarters in Zug, Switzerland

Cooperation between Building Technologies Division and Siemens Real Estate creates a solution frontrunner using new methods.



New Siemens Campus in Erlangen, Germany

Long-term, large-scale project with high repetition factor of similar buildings and components. Modular approach based on BIM.

When building technology creates perfect places –
that's Ingenuity for life.

Never too cold. Never too warm.
Always safe. Always secure.

With our knowledge and technology, our products,
our solutions and our services, we turn places into
perfect places.

We create perfect places for their users' needs –
for every stage of life.

[#CreatingPerfectPlaces](#)

www.siemens.com/perfect-places

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