

## Why 6SigmaRoom?

Take the risk out of innovative DC design. Answer the what-if questions of DC operation.

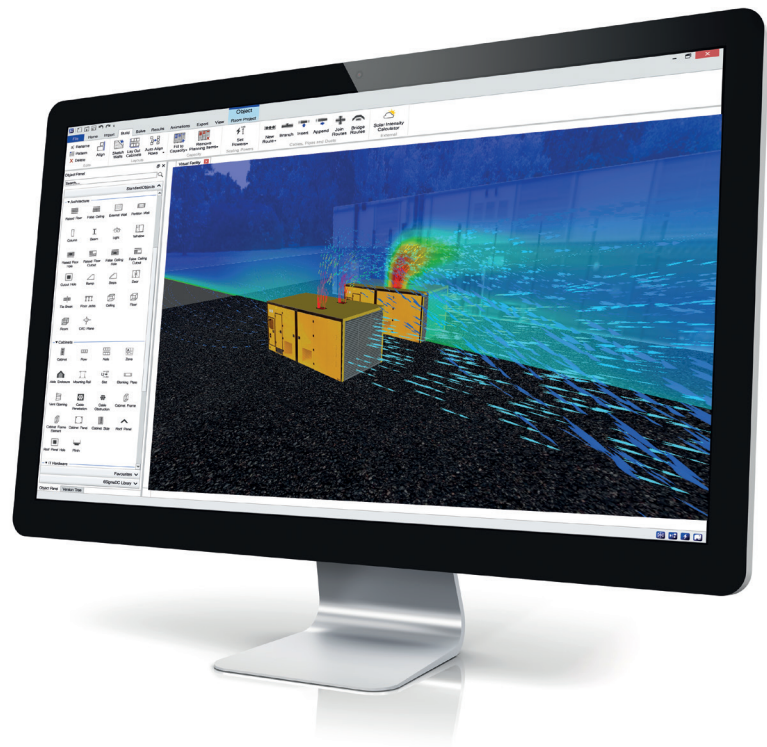
**6SigmaRoom is the tool of choice for data center designers, consultants and owner-operators who want to push the boundaries in design, troubleshoot with confidence, and operate data centers armed with the confidence to answer the what-if questions that matter.**

**6SigmaRoom** uses a virtual model of the data center and plant to calculate air temperatures, speeds and pressures both in the white space and outside it. We call this *engineering simulation*.

Room enables designers to innovate with confidence and to ensure that the whitespace design will work with the infrastructure design. Meanwhile, it gives troubleshooters and owner-operators a risk-free environment in which to identify and test fixes before making them in the real-life facility.

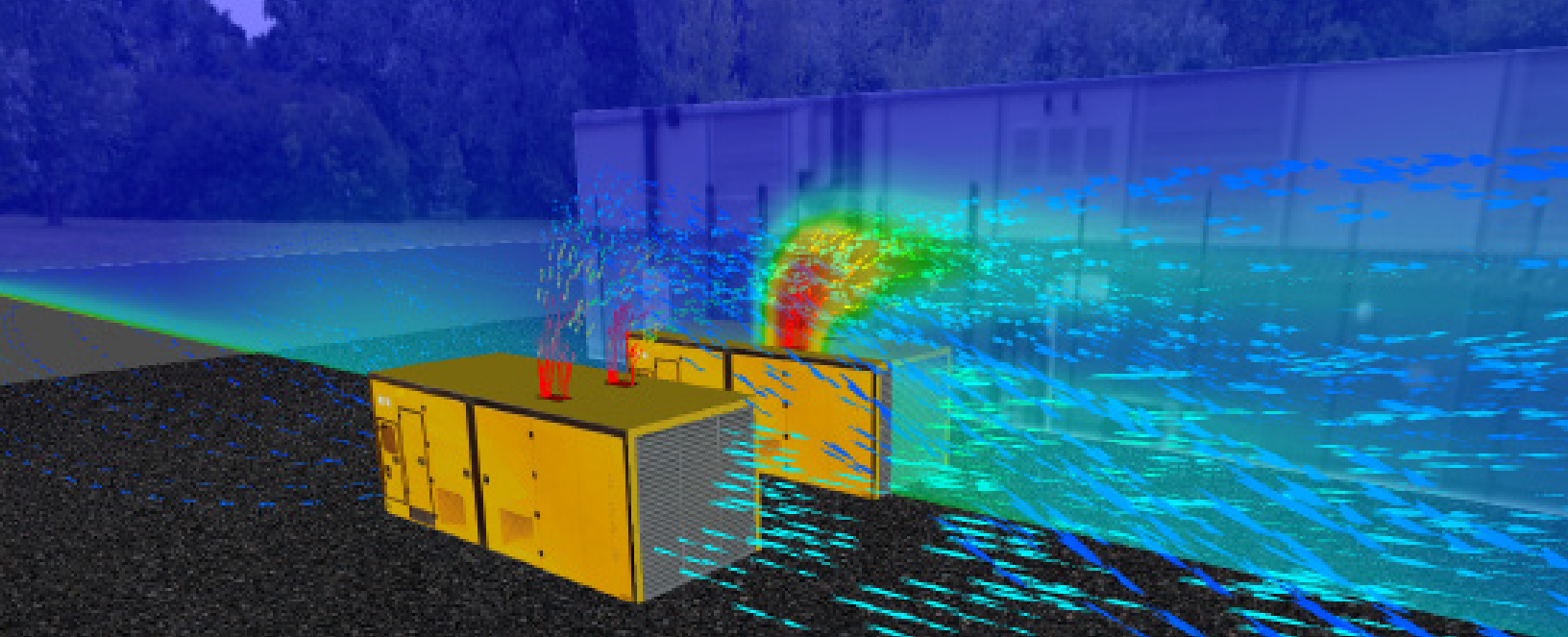
While Room's white space modeling potential is unparalleled (to include your power network), its external modeling capability is unique. You can model plant layouts, simulate contamination, test adiabatic cooling systems and much more.

Add to that the ability to create transient simulations - *how much thermal mass do those chillers have to offer?* - and Room is the most complete engineering simulation tool ever developed specifically for the DC industry.



### Benefits:

- Compare **vendor equipment**: choose what's best for your facility
- Run **failure scenarios** to check resilience
- Run **what-if** scenarios
- Improve **energy efficiency**
- Understand and prevent **hotspots**
- In addition to the white space... **model** adiabatic cooling, entire cooling plant, free cooling, external environment, power network



## Key Features

- **Specifically designed** for the DC industry
- Flexibility to model **all types** of DC design or layout
- Most comprehensive - and most frequently updated - set of vendor libraries (CRACs, racks, IT equipment etc.) in the industry
- Drag and drop placement of library items
- 2D and 3D **AutoCAD** import and export
- Microsoft **Excel** import and export
- Unrivalled image quality for sales and communication
- Custom reporting with direct export to **PowerPoint** and **HTML**
- Animation and image output – .gif, .wmv and other formats
- Intelligent and powerful parallel solver – **no previous CFD experience required**
- Easily-accessible built in views to show key results

## Additional Support

- Our DC engineering experts provide Room<sup>Lite</sup> users with **project-based training** and **hotline support** via email, web conferencing and phone.
- **Scalable** – this is the entry-level product in a suite of powerful and targeted DC tools that form the 6SigmaDCX suite
- Constantly **validated** by our group of experienced DC consultant engineers through extensive in-house use
- Models created in Room<sup>Lite</sup> are compatible with other tools in the 6SigmaDCX suite
- Room<sup>Lite</sup> is **constantly developing** to model new DC technology
- Multi-language software interface, user support and training, including Chinese

Arrange a Demo

Take a Trial

Request an  
Assessment