

# Schneider Electric EcoStruxure for Life Sciences

## Building Next-Generation Industries

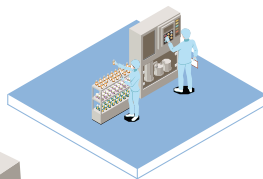
### DEVELOPING LIFE SCIENCES FACILITIES OF THE FUTURE

Managing life sciences facilities effectively is mission-critical to profitably produce medicinal products of consistent quality.

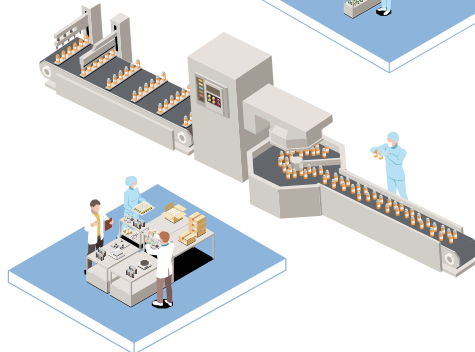
Facilities play a vital role in the efficacy of the product lifecycle, driving the cost of medicinal products down and delivering quality products to patients faster.

Data integrity cited in **three out of four** of FDA warning letters<sup>3</sup>

Power Distruptions **6-8 per year**, on average<sup>2</sup>



**58.6%** emission reduction pledge overall by pharma industry<sup>5</sup>



Inflexible, cost-prohibitive production facilities take **>3 years** to complete and even longer to validate for production<sup>7</sup>

**53%** of life sciences executives recognize that data mastery with advance analytics is crucial<sup>1</sup>

**Two thirds of** pharma companies have suffered serious data breaches while a quarter have been hacked<sup>6</sup>



Minimize costly deviations, lost product and unplanned downtime



Manage vast data from multiple siloed systems, suppliers and sites



Ease adherence to regulatory requirements and good practices



Evolve existing and build a new facility rapidly to meet rising demand



Mitigate risk to UP theft from cyber attacks

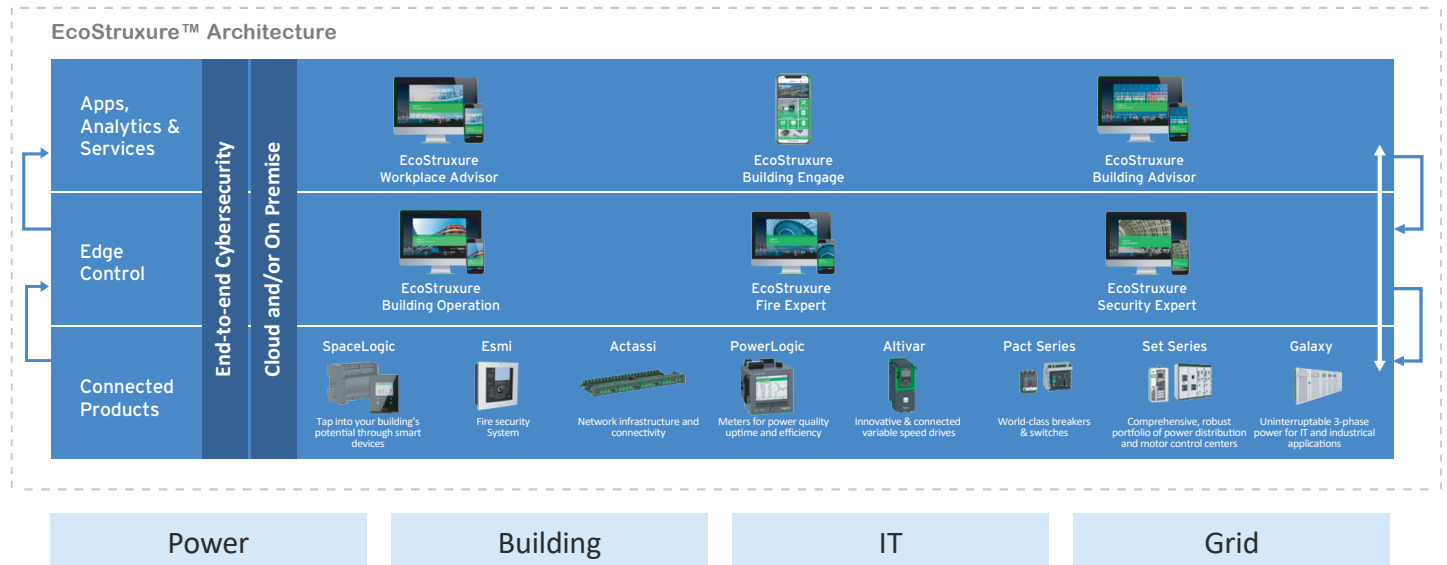


Accomplish sustainability goals to increase shareholder value

# ECOSTRUXURE™ FOR LIFE SCIENCES FACILITIES

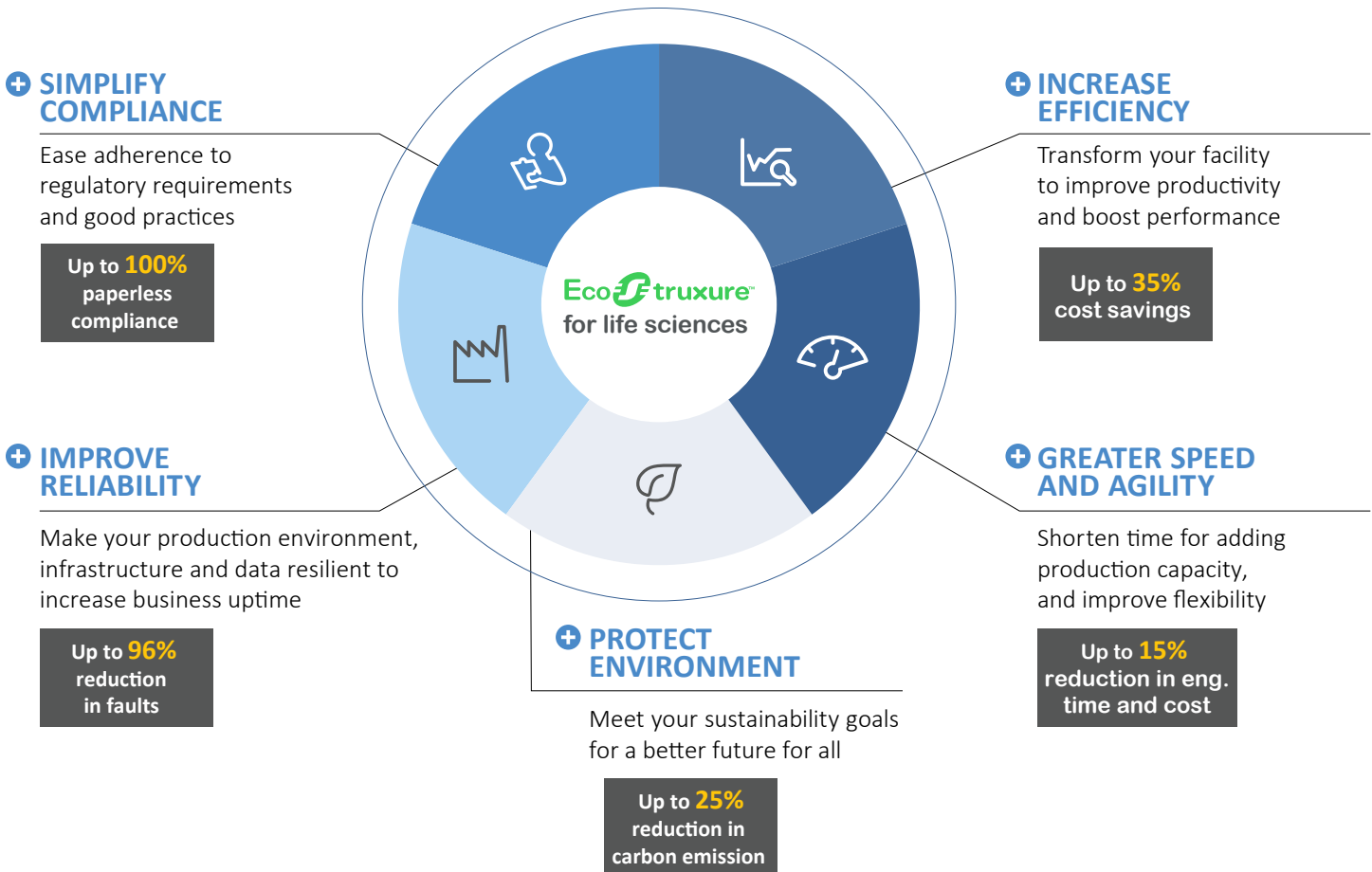
IoT-enabled • Plug-and-play • Open • Interoperable architecture and platform

Unleash innovation for power, building, IT and grid at every level, from connected products to edge control and application, analytics and software, end-to-end cybersecurity and integration of third-party suppliers.



## KEY BENEFITS WITH ECOSTRUXURE™ FOR LIFE SCIENCES

A reliable, efficient, flexible, compliant and sustainable facility for your production



## CASE STUDY - BOSTON SPECIFIC

Boston Scientific achieves operating

# PERFORMANCE

with EcoStruxure™ for life sciences

Boston Scientific is dedicated to ensuring its facilities are running at peak operating performance to minimize energy waste and promote a sustainable culture and environment. Making the data work is an important part of that goal.

**Simple solutions for a complex system.**

**40%**  
reduction in  
avoidable cost  
related to faults

**51%**  
reduction in  
energy-related  
faults

**49%**  
reduction in  
faults causing  
improper zone  
conditions

**\$33,264**  
performance  
incentive from  
the electric  
utility-to-date

## SCHNEIDER ELECTRIC MASTER ECOXPRT

### CM3 Building Solutions, Inc.

With 40 years' experience, CM3 Building Solutions is the region's most trusted building automation systems integrator. We have positive relationships within the construction and property development industry, and we are known for going above and beyond to get the job done, on time and on budget.

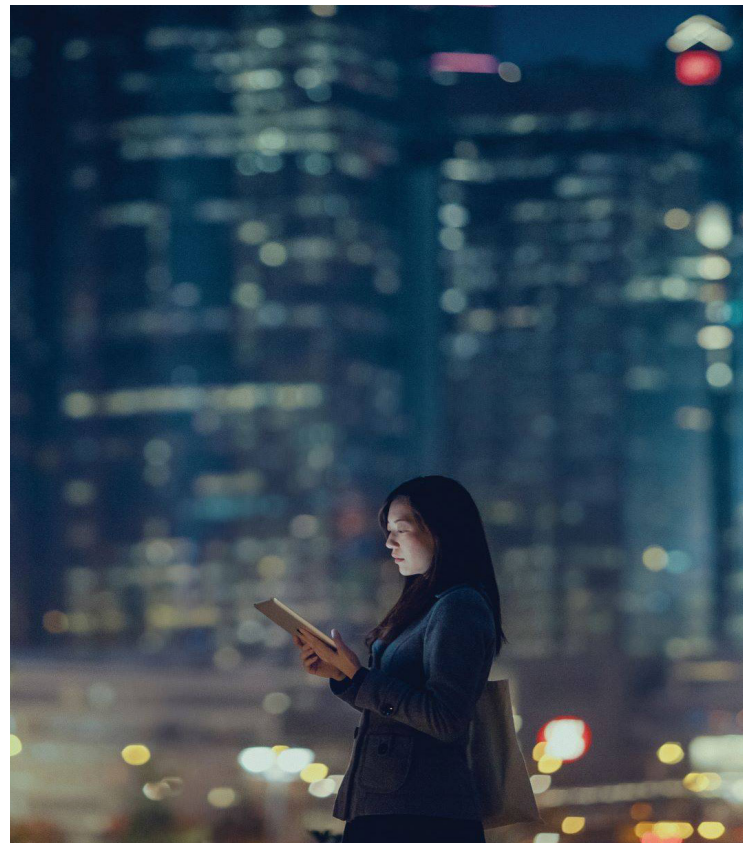
CM3 is a proud Schneider Electric Master EcoXpert. As a Master EcoXpert, we represent the top percentile of companies that are trained and certified by Schneider Electric as leaders in the field of building automation.

We install, service, and support Schneider Electric building We install, service, and support Schneider Electric building to customers in the following regions:

**New Jersey:** All counties beginning with Mercer and everything south

**Pennsylvania:** Southeastern Pennsylvania counties (Bucks, Chester, Delaware, Montgomery, and Philadelphia)

**Delaware:** All





## References:

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- Michael De La Torre, 16 May 2019
4. [Environmental monitoring – going ‘paperless’](#)  
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5. [Landmark study shows pharma worse than the automotive industry for carbon emissions](#)  
- Pharmaceutical Technology, 6 June 2019
6. [Survey reveals data breaches hitting pharma industry](#)  
- SecuringIndustry.com, 2021
7. [How to quickly build a pharmaceutical facility](#)  
- Frank Tobe, Design World, June 2014