The six stages of Digital Twin creation

We will use a multitude of software to create a virtual environment of your installation

ASSET SURVEY

Detailed on-site
asset survey and energy
data analysis to determine
how the site is currently
designed and
operating.

DIGITAL TWIN CREATION

The creation of a Digital
Twin of the site in a virtual
environment to mimic
the existing design and how
it is operating and define
potential concepts.

OPTIMAL PERFORMANCE SECURED

Further detailed engineering and feasibility studies will be conducted.



PERFORMANCE ANALYSIS

Better understand how the site is currently performing with a view to identifying existing inefficiencies.

OPTIONS APPRAISAL

Considering carbon, cost and comfort requirements, optimal solutions are compared and evaluated to highlight the impact of optimisation and potential energy savings.

FUTUREPROOFING THE SYSTEM

Real time data monitoring and analysis to ensure that optimum efficiencies are maintained at all times. The Digital Twin will be used to carry out further optimisations and integration of new technology, futureproofing the system.