

## State Street Data Centre Crewe Toll, Edinburgh



The initial project was a rationalization of existing infrastructure, to introduce a dual path concurrently maintainable resilient distribution network to data hall small power and mechanical services to eliminate the need for downtime of systems during planned preventative maintenance and improve uptime.

RSP improved redundancy and resilience through installation of new Tier 3 resilient cooling and electrical services on N+1 over 2 concurrently maintainable strings, the introduction of these 2 strings allows transfer of supplies from one string to another with no down time.

The removal of existing DRUPS UPS systems and introduction of new Static UPS systems with Stand-by Generators were designed, managed and replaced without any power down of critical services or impact to the data hall space. The electrical capacity of the site is supported off dual 2.25MVA transformers.

RSP have carried out a number of Data Centre projects for State Street at their Crewe Toll, Edinburgh Building, and increasing data hall capacity up to 640kW with dual redundancy on critical mechanical and electrical plant.