RACKCENTRE

KEY GUIDELINES WHEN EVALUATING COLOCATION DATA CENTRE PROVIDERS

When evaluating data centres and colocation service providers, consider the following checklist:

Data Centre Business and Stability Compliance Checklist:

- What is the legal ownership of the business?
- Is the data centre, its equipment and facility wholly owned and operated by the business?
- Is the building structure and property wholly owned by the business?
- Are high-availability data centre and colocation services the primary focus from a services standpoint?
- Are there 3rd party audits, reports, certifications that you hold?
- Are the reports able to be reviewed?

Data Centre Site Security and Location Checklist:

- Is the facility located in an area with low risk for flooding in relation to the 100-year and 500-year floodplain for the location?
- Is Data centre site surrounded by fence at least 20 feet from the facility building
- Are parking spaces located at least 25 feet from the data centre facility building?
- Are there multiple video surveillance zones?
- Are there mantraps?
- Is there around-the-clock dedicated security personnel onsite?
- Are there manned security checkpoints on site?

Data Centre Operations/Utilities Checklist:

- Is the data centre carrier neutral?
- What carriers have installed fibre in the data centre facility?
- Is the facility open to having other carriers in their facility?
- How many diverse fibre routes are connected in the data centre?
- Does the data centre have access to multiple ISPs?
- Does the power system have 99.9% or better reliability?

- How long can the data centre run on battery power?
- How scalable is the data centre?
- Are there any redundant cooling towers or any sources for cooling?
- Are there an air filtration and heat dispersal systems in place?
- Are the cooling systems on a UPS?