

# IT Infrastructure Refresh Schedule

\*\*Please note that the below table focuses on active equipment. Passive equipment such as the cabling and patch panels will not require replacement for many years, unless physical damage occurs.

Device / System	Typical Refresh Age	Notes
<b>Leased Line/ Fibre Internet</b>	3 Years	The leased is not always changed after 3 years. The contract duration is 3 years and it should be reviewed to ensure that the level of connectivity for the price still represents best value and that the bandwidth is sufficient. In the event of changing suppliers, there will be lead times of typically 4-9 months that should be considered and additional install costs.
<b>Failover FTTC Internet</b>	3 Years	Typically, the contracts run for 12-36 months. This is a low-cost connection and does not require change unless there are issues with the supplier. A good time to review it would be in line with the primary leased line Internet.
<b>Gateway Firewall and Web Filter And relevant Reporting</b>	6 Years	Licensing on this hardware can be purchased as a 1, 3 or 5 year term. 3 Years is most common and you would expect to keep the hardware for approximately 6 years and then upgrade. The vendor will normally provide a trade in option on newer hardware.
<b>Network Switching</b>	7 to 10 years	Limited Life Time Warranty applies. In the event of failure, a replacement is supplied. Refresh is more driven by availability of new technology than failure
<b>WIFI Network</b>	7 to 10 years	The WIFI market is quite fast moving and is constantly evolving to bring more security and speed. Refresh is driven by technological advancements. Purchasing tier 1 brands such as Aerohive and Xirrus will ensure a longer lasting product. Replacement warranty is available here too.
<b>SAN storage for Servers</b>	5 to 7 Years N/A	This refresh will not be required with the current strategy. Data will reside in SharePoint. This is typically one of the more expensive pieces of hardware to refresh.
<b>Backup Storage NAS On-site backup Off-site is based on a cloud solution</b>	5 to 7 Years	The Synology hardware suggested will carry a standard 5 year warranty on the chassis. However, the hard drives within will be covered by the hard drive manufacturer warranty such as Western Digital or Seagate as an example. It is highly likely that some hard drives will require replacement prior to the chassis and will most likely be out of warranty. This cost will not be significant and can be covered within the annual IT budget.
<b>On-Premise Server</b>	5 Years	Servers ship with a standard 1 year next business day warranty. An extended 3 or 5 year warranty next day warranty is an additional cost. On the initial purchase we would suggest 5 year warranty. Normally servers are always replaced around 4 to 5 years.
<b>Virtualization Platform</b>	N/A	Licensing can be purchased in 1, 3 or 5 year format. After the initial 5 year option you can review and purchase either a 1 or 3 year license. This should be added to the refresh budget, as this is software.
<b>UPS (either site)</b>	Batteries every 3 Years 10 Years on the chassis	The manufacturers typically suggest a 3 year battery replacement. The hardware chassis last for many years.
<b>CCTV</b>	N/A	CCTV is typically kept until it breaks or a better technology is required. Storage is sometimes upgraded depending on how much CCTV footage is retained long term and if it's not cloud based. This will be governed by the organisations policies and GDPR requirements.