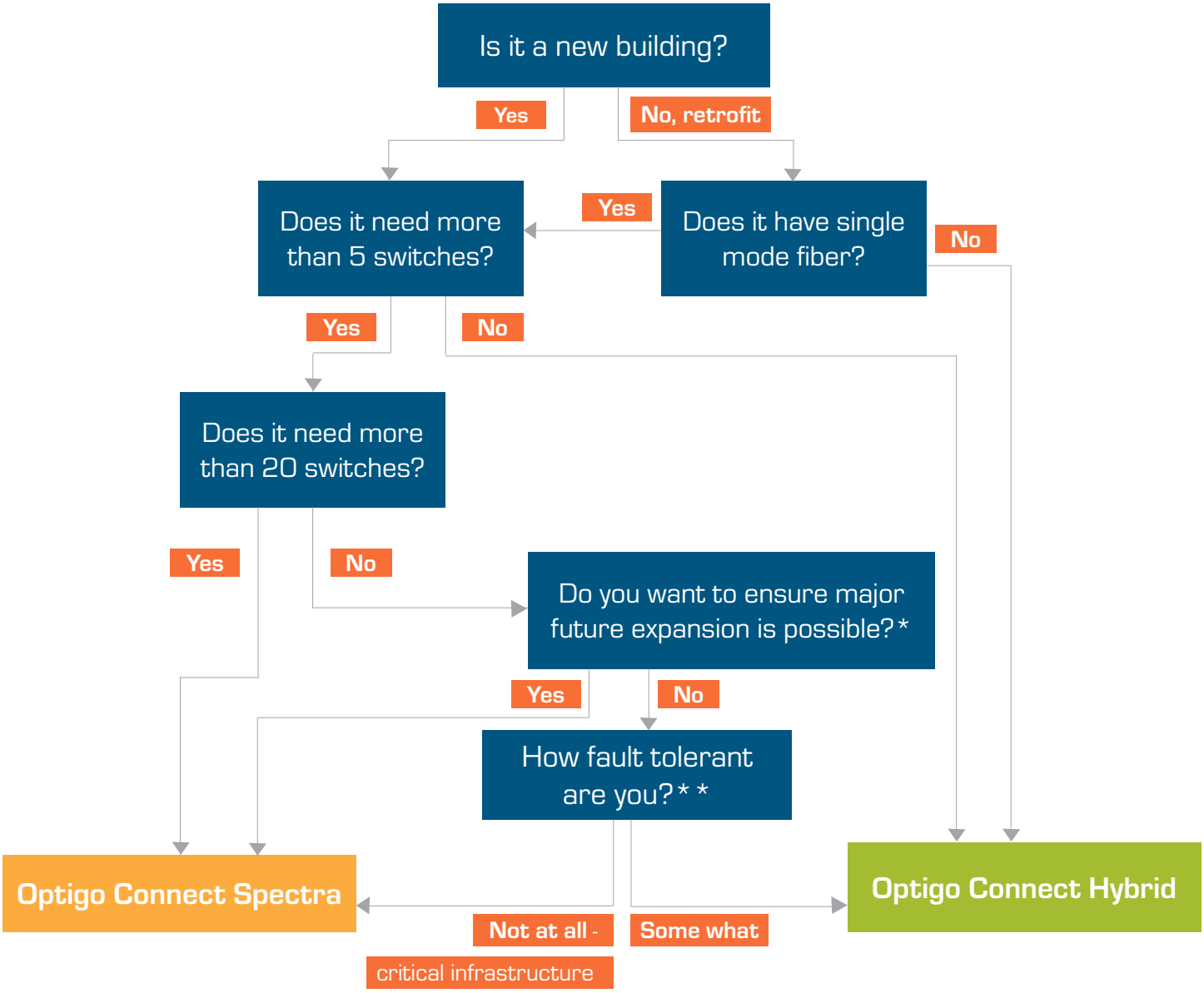
Should I use Optigo Connect Spectra or Hybrid?

Not sure if Optigo Connect Spectra is right for your building network, or if you should use Hybrid? There are important differences between the two, but a quick walk through this decision tree will guide you to exactly what you need. If you have any questions or would like more information, contact sales@optigo.net



*Possible future expansions could include adding major services which may need more ports (e.g. security devices or more IP controllers), new services that could require more bandwidth (e.g. CCTV or analytics) or increased network reach.

**While uptime is important for all networks, Optigo Connect Spectra has redundancy offerings. If you are using Optigo Connect on critical infrastructure, we recommend a solution with redundancy.

OPTiGO NETWORKS

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Optigo Connect Spectra and Optigo Connect Hybrid

Evaluating your options between Optigo Connect Spectra and Optigo Connect Hybrid? Take a look at these descriptions to get a better understanding of the two product lines.

Optigo Connect Spectra

Optigo Connect Spectra is ideal for new builds. Projects are typically bigger, so users can take advantage of fiber's ability to cover larger distances.

Redundancy is easily integrated into an Optigo Connect Spectra design, allowing users to benefit from high-availability networks. It can support larger networks, and networks that are meant to grow into the future with minimal fiber pulls. However, Spectra does require single-mode fiber, and this is part of why it's best for new builds.

Spectra is right for new building projects with:

- More than 20 switches needed
- Single-mode fiber
- Potential for major future expansion
- No fault tolerance

Optigo Connect Hybrid

Optigo Connect Hybrid is perfect for smaller buildings that are fault tolerant. The project only needs a few switches, and redundancy isn't necessary. The network just needs to *work*.

This could be a new network that only has a few devices, or a new switch addition on an existing (non-Optigo) network. The network can run on copper Ethernet, or any kind of fiber. However, Hybrid's limited: it only supports a limited number of switches, so future expandability is minimal.

Hybrid is right for retrofit projects with:

- 1–20 switches needed
- Copper Ethernet, multimode fiber, single-mode fiber, or mixed cabling
- No potential for future expansion
- Some fault tolerance

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