



**HORSEBRIDGE NETWORKS**

*Introduction to Horsebridge  
Networks*

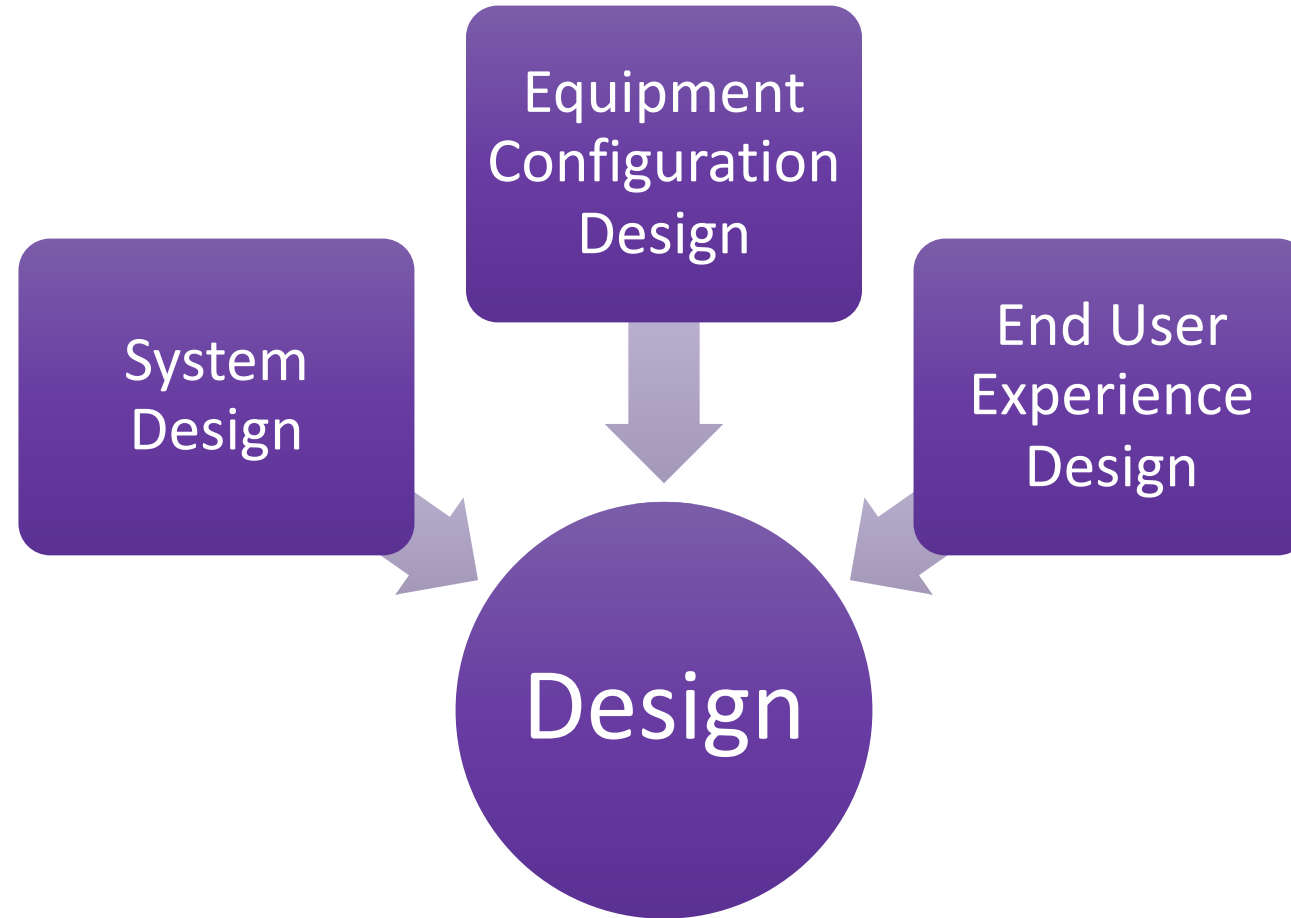
# *Who are we?*

We have been providing network solutions to a wide range of industries for over seventeen years. As an ISO 9001, 14001 and 27001 accredited company, we work with some of the biggest players in their respective industries. We're part of the Horsebridge Group, specialists in network systems. Get in touch with us today to learn more about how our services can benefit your organisation.

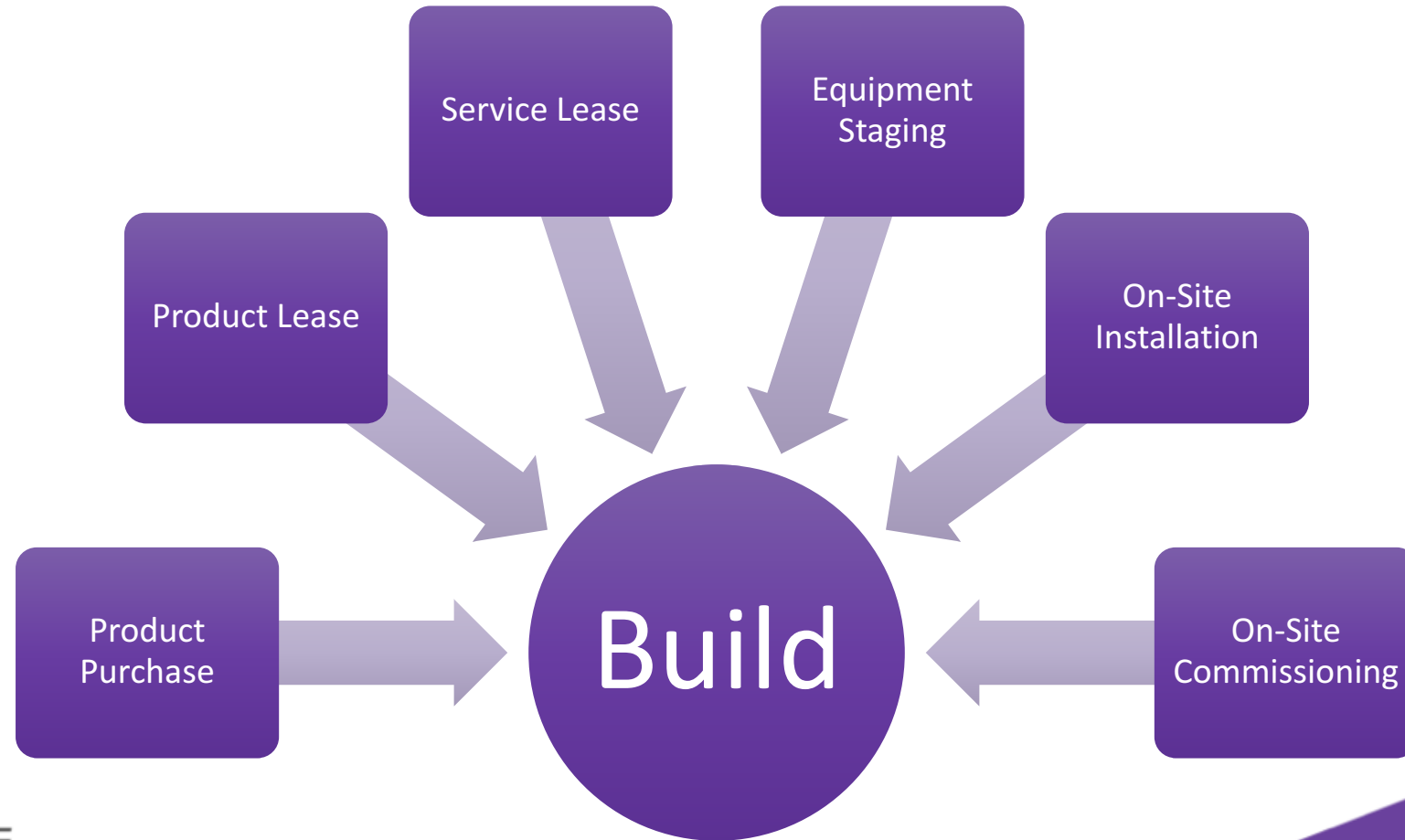
# *What do we offer?*

We provide network design, build and operate services to industry leaders. From initial equipment configuration design and on-site installation to end-user service provisioning and service supplier management, we act as a single partner for undertaking the entire process. Take advantage of our technical expertise and benefit from a best of breed network, while you focus on your core business.

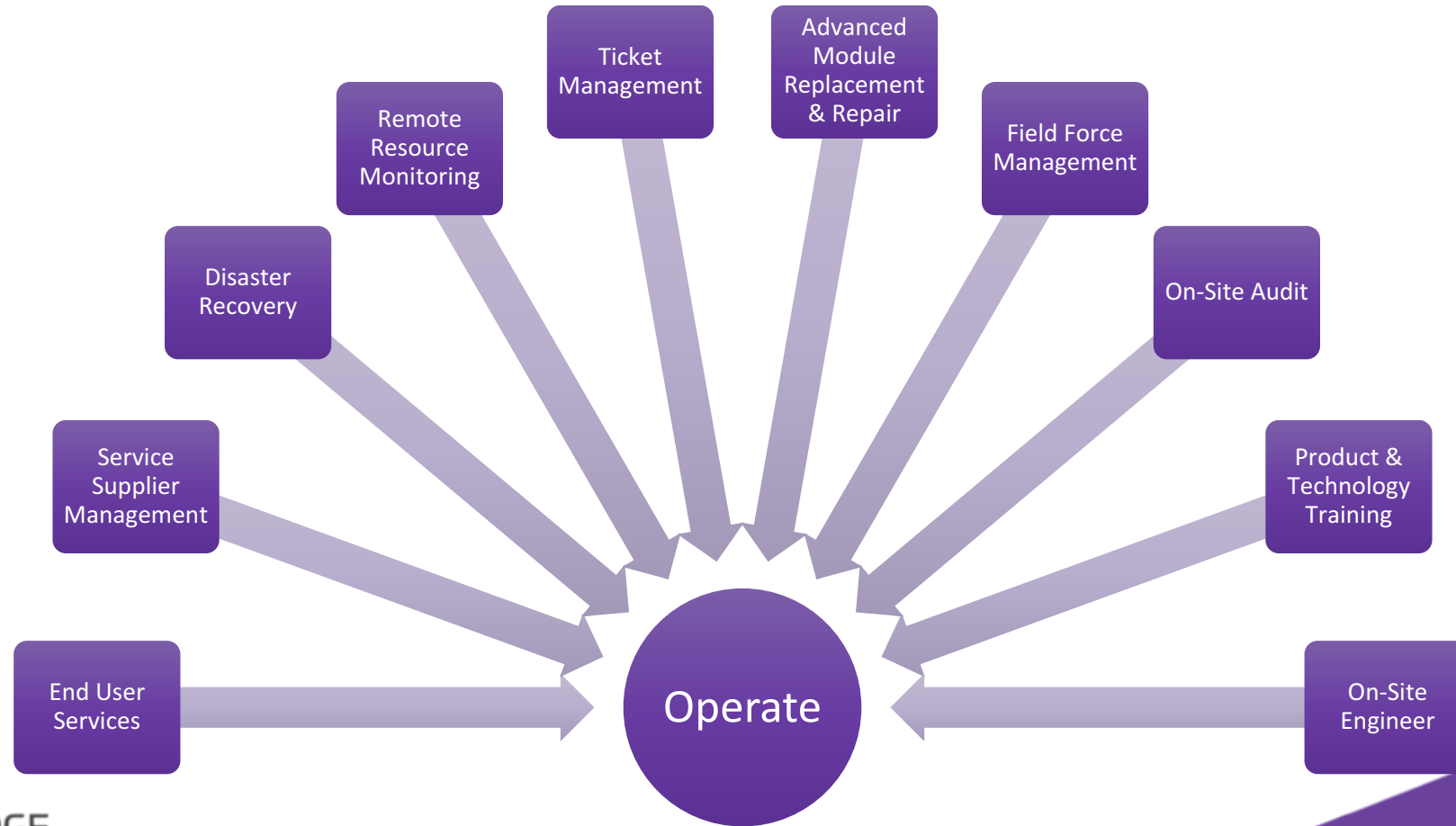
# *Network Design Services*



# Network Build Services



# Network Operate Services



# *Case Study: CalMac Ferries*

With passenger numbers increasing, so was demand for a reliable and robust internet and Wi-Fi service. Prior to implementing its new solution, passengers and CalMac staff were only able to access the internet when ferries were docked in the larger ports, which had huge implications on operational efficiency and customer satisfaction levels.

The geographic location and terrain of the Scottish Islands and Highlands make it a notoriously difficult to serve area in terms of providing connectivity. The locations include long-range links which can be challenging to work with. There is no “one size fits all” communications solution, so to cater for this, we merged multiple technologies (already proven in other Transport Solutions such as Rail/Bus) to create a seamless managed service.

# *Case Study: CalMac Ferries*

The system provided advanced technologies for superior operation in harsh environments, and also had to be capable of robust interference mitigation. Some sections of the LAN and WAN have to be delivered by a wireless system, this incorporated features like OFDM, MIMO 2×2, and space diversity to assure error-free transmission in nLOS deployments, allowing installations in virtually any location and environment.

- Long range WAN locations
- Low Latency
- Enhanced networking for multicast transmission
- Zero downtime for mission critical applications
- Ongoing support for the system

[View the full case study here](#)





# *Horsebridge Group*

We're proud to be part of the Horsebridge Group, specialists in network systems, providing solutions to the telecoms, utilities, transport, construction, finance, business, and housing industries.

Learn more about the Group and its brands using the links to the right.



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TRANSPORT**



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SYNC**



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# *Get in touch...*

- Want more information? Get in touch with the team to answer any questions you may have, or to discuss your network requirements.
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- Check us out on [Twitter](#) or [LinkedIn](#)

