

For the first time ever, rural communities now have a solution for Internet access. Through the combined efforts of Community Network Partners and Galaxy Broadband, every community has the power of the **Galaxy Intelligent Internet Gateway (GiiG)**. GiiG is a smart solution that provides large-capacity broadband, world-leading Cyber Security, and local distribution options, while being 100% managed and supported.

GiiG can be deployed rapidly and economically, providing broadband to communities underserved by conventional Telco Internet services.

GiiG brings together a range of network transport technology solutions to provide innovative internet access that is reliable, secure, and scalable. Communities without economical access to fiber face a challenge and the GiiG solution meets this by utilizing the best technology available and maximizes its potential to benefit the entire community. GiiG deploys the new LEO (Low Earth Orbit) satellite technology, conventional satellite, and terrestrial networks plus industry-leading best practices through remote IT management to deliver real solutions for community-wide benefit.

Community Network Partners and Galaxy Broadband can quickly install the necessary hardware and bandwidth to connect, protect, secure, manage, and report through the **GiiG Community Gateway**. We help the community utilize broadband to its potential and leverage our financing capability, including our P3 partnership model, our construction and operational expertise in conjunction with potential accessing government funding.

Details on our solution include:



Proven SD WAN capabilities: Most rural communities have few, if any, options for bandwidth. GiiG solves this problem by aggregating multiple sources into a single large pool and distributing them to all households, institutions, and businesses. This proven technology managed remotely by Galaxy's support team delivers the bandwidth needed for video conferencing, telemedicine, and other critical needs are prioritized and general Internet access is shared fairly. This unique approach optimizes multiple satellite networks including the new transformational LEO satellite systems, conventional satellite, cellular, fiber, and point-to-point (P2P) wireless links to deliver the best possible capacity and service. The SDWAN management will allow the community to combine and scale up as new options emerge in the future.



Local distribution connectivity: We strive to connect every household, institution, and business. Galaxy provides several options for local wired and wireless community connectivity solutions. From fiber rings to LTE/5G and WIFI, a customized efficient local design will enable all aspects of the community to prosper and access bandwidth from a single large pool, not just the select few who can afford an individual satellite system on their house.



Next-generation firewalls (NGFWs): Protecting the community from Internet hackers and scammers is a real-world challenge for small deployments. GiiG deploys industry-leading firewall technology to filter network traffic to protect from internal and external threats. Galaxy can also help institutions and businesses in the community enhance security and local access networks through the Galaxy Managed Services, delivering best practices and support remotely.



Traffic monitoring, management, and policy shaping: Community leaders need to play a significant role as better Internet access becomes available. GiiG and the Galaxy Managed Services offer leaders the ability to participate in setting policies for Internet Access, prioritizing local content, and rules that enable fair access to all, not just a few.

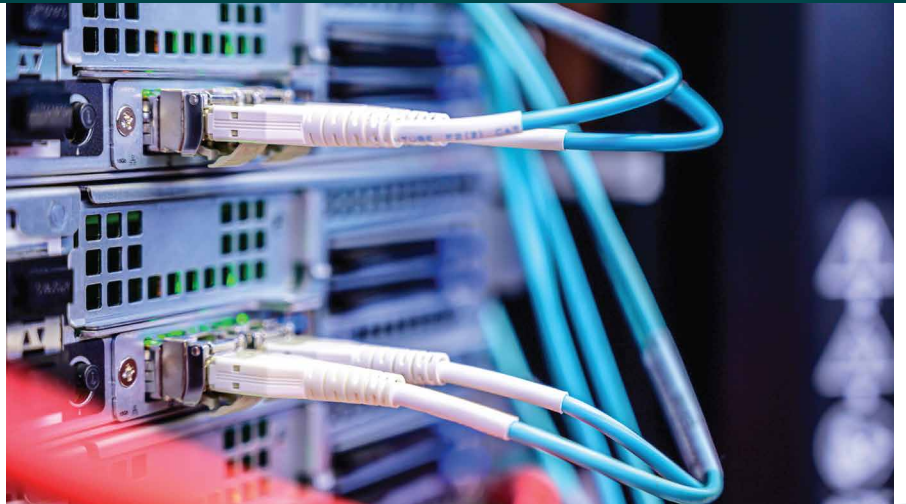
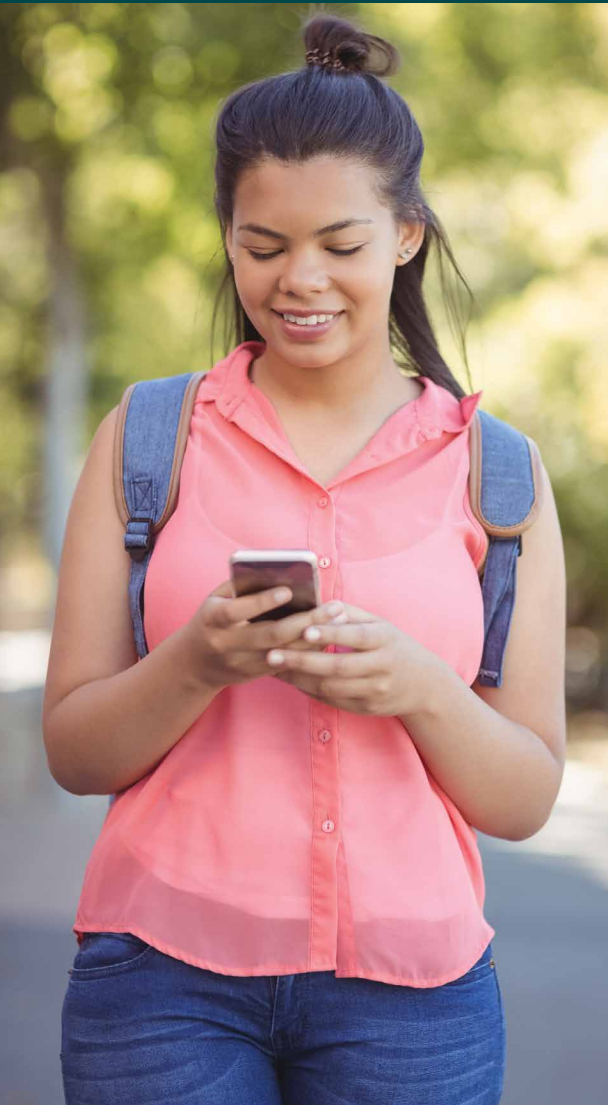


Visibility and Reporting: The Galaxy Managed Services team will provide a portal for IT management to access real-time status, review alerts and maintenance requests plus reports that will outline usage, protocol breakdowns, and managed policies.

The GiiG solution offers communities a technology roadmap, a bridge to a better internet experience with available bandwidth yet can scale up as future options emerge. Together we can bridge the digital divide for community-wide benefit.



Contact us today and learn more about the POWER of the GiiG.



1.877.463.9728



sales@galaxybroadband.ca



Galaxybroadband.ca