

# VGR-5G-FAQ-External webb

**Updated 25 September 2026**

VÄSTRA GÖTALANDSREGIONEN

# Introduction

The purpose of this document is to promote an open and transparent relationship between the program and potential suppliers, and to ensure equal treatment of suppliers.

Questions to the VGR-5G program should be submitted via the program's functional mailbox: vgr-5g@vgregion.se . Incoming questions are handled on an ongoing basis, and answers will be published in this document. VGR will only respond to questions of a general nature and those considered relevant to the program.

Questions relating to a specific procurement process are handled according to the standard procedure — see the section "Questions during the tender period": How public procurement works – Purchasing and e-commerce (in Swedish).

| Topic | Date / updated | Question | Answer |
|---|---|---|---|
| **Core network** | 2026-09-25 | How many core network sites does VGR plan to have? | 20+, as the network is being designed for local survivability at sites such as major hospitals. |
| **General** | 2026-03-01 | Does VGR currently hold spectrum licences? | Yes. VGR has applied for and obtained licences for the sites where they are required. |
| **General** | 2026-03-01 | Will the network carry only healthcare-related traffic? | No. In the long term, it will be used across all VGR operations. |
| **General** | 2026-03-01 | Will the network also support IoT? | Yes, this is included in VGR:s plans. |
| **General** | 2026-03-01 | Which manufacturers is VGR considering? | VGR is evaluating several suppliers and is currently in discussions with many of the major manufacturers. |
| **Core network** | 2026-09-25 | What functionality is planned for the core networks? | 5G SA with support for VoNR, as well as IMS and MCx functionality. |
| **Core network / RAN** | 2026-09-25 | Does VGR intend to own the RAN and core network, or purchase them as a service from a supplier? | VGR procures and owns both the core network and the RAN. Certain requirements make the architecture relatively complex. There will be multiple core network sites, and the RAN will provide indoor coverage in hospitals, healthcare facilities and other premises. |
| **General** | 2026-09-25 | How will VGR manage SIM cards? Will these be purchased as a service or managed in-house? | VGR will have its own SIM cards and retain control over them. The primary users will be VGR employees, alongside IoT devices. Following a standard procurement process, *Idemia* was awarded the contract to supply VGR in September 2026. |
| **General** | 2026-09-25 | What is VGR:s approach to the PLMN ID? | VGR has had its own PLMN ID (240-900) |
| **RAN** | 2026-03-01 | What is VGR:s approach to outbound and inbound roaming? | VGR intends to enable outbound roaming to public mobile network operators (MNOs) outside VGR:s RAN coverage. Discussions on inbound roaming are ongoing. |
| **General** | 2026-03-01 | Will there be requirements for positioning? | Yes, this is planned for the longer term. |
| **General** | 2026-09-25 | Which frequencies will be used? | VGR currently holds spectrum licences for band n78, 3.72–3.8 GHz, valid until the end of 2031. PTS is considering possible changes to these frequencies, but no decisions have yet been made. |
| **General** | 2026-03-01 | Will VGR operate the network with its own staff? | Yes. |
| **Devices** | 2026-03-01 | Which devices are currently used? | Devices from Samsung, Apple, Ascom, Spectralink, Zebra and others. |
| **General** | 2026-09-25 | Will this be a non-standalone (NSA) or standalone (SA) network? | 5G SA is being deployed. |

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|---|---|---|---|
| **General** | 2026-09-25 | What need does VGR see for collaboration with mobile network operators? | VGR is in discussions with mobile network operators about how our private mobile network can work with public networks, particularly as employees move between VGR premises and travel elsewhere in the region or internationally. This work is already under way, and the arrangements for collaboration are being developed jointly with the operators. |
| **General** | 2026-09-25 | What floor area does VGR plan to cover with VGR-5G? | Approximately 2 million square metres. |