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## **PIN update – Upcoming procurements for the Swedish Emergency Network (SWEN)**

### **Intention**

This prior information notice is published for the purpose of informing the market about upcoming procurements related to SWEN. The purpose is to give suppliers the opportunity to prepare for upcoming procurements.

Please note that all information presented in this notice reflects the Agency's planning at the time of publishing and may be subject to change.

### **Background**

The Swedish Civil Defence and Resilience Agency (the Agency) is responsible for establishing the Swedish Emergency Network (SWEN), a future-proof, broadband-based nation-wide mission-critical communication system for Sweden's public protection and disaster relief (PPDR) community. The program is carried out under a government assignment to develop and implement the next-generation communication system that will gradually replace the existing Rakel TETRA network.

In May 2025, the Agency published a Prior Information Notice outlining the overall architecture, strategic direction and indicative procurement roadmap of SWEN.

Since then, the program has progressed, including continued market engagement, completion of several preparatory activities and the initiation of multiple procurements described in the previous notice.

Further information about SWEN, including government assignments and published progress reports, is available on the Agency's website:

<https://www.mcf.se/en/services--tools/swen--the-swedish-emergency-network/>

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## **Procurement activities and upcoming opportunities**

To ensure transparency and early market engagement, the Agency is announcing indicative procurement roadmaps. A number of procurement areas are in scope for this PIN and are described below.

### **Radio Access Network (RAN) incl. QPP and use of Agency dedicated spectrum**

The procurement aims to award contracts with one or two mobile network operators (MNO) capable of delivering nationwide RAN services with access to MNO frequencies and capacity, support for mission critical priority (QPP) and activation of 700 MHz spectrum under the Agency's control.

The procurement is currently in the tender phase, and the Agency expects contract(s) with one or two MNO's to be awarded and in place in Q2/Q3 2026.

In addition, preparatory work is ongoing for certain specialised coverage capabilities, such as air-to-ground and maritime, which may be addressed through separate procurement activities.

### **System integrator**

The procurement of a System Integrator (SI) is also ongoing and currently in the tender phase.

The System Integrator will play a central role in coordinating the end-to-end integration of the SWEN ecosystem across multiple suppliers, platforms and infrastructure domains.

The Agency currently expects the contract to be awarded before the summer of 2026.

### **Mission Critical Services platform (MCX)**

Following the RFI and market dialogue activities conducted during 2025, the Agency published a summary of the responses (MSB 2025-15080-1) in November 2025, and is preparing the procurement of a 3GPP-compliant MCX-platform, supporting MCPIT, MCVideo, and MCData.

The procurement process is expected to start with the publication of an invitation to apply towards the end of April 2026.

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Based on the current planning, the Agency expects the contract to be in place during Q2/Q3 2027.

## Telematics

The Agency is currently reviewing the migration of telematics capabilities moving from Rakel to SWEN. Since the previous notice, an RFI has been published and answered, further analysis and market input have been gathered, and the Agency is currently assessing different implementation and procurement alternatives. At this stage, no final decision has been made regarding the scope and approach. Further information will be communicated once the direction has been confirmed.

For the Agency's internal Proof-of-Concept (PoC)-activities, equipment for telematic-related testing and PoC is planned to be procured, see below under User Equipment.

## Reinforced coverage

The Agency has conducted RFI activities and market dialogue related to the deployment of mobile broadband infrastructure using the Agency's 700 MHz spectrum, including solutions for last-mile access and deployable infrastructure.

Work in this area is progressing, including preparations for procurement and alignment of key prerequisites. Reinforced coverage remains an important part of the overall SWEN design to ensure availability and coverage in areas where commercial solutions alone are not sufficient.

The procurement is dependent on the allocation of the relevant spectrum licence from the Swedish Post and Telecom Authority (PTS), which is currently in progress. Until such licence has been granted, further procurement activities will be on hold. The Agency expects to initiate procurement activities once the process has been completed. Further information will be provided as part of upcoming procurement activities.

## User Equipment

User Equipment (UE) is a critical component of the SWEN ecosystem and must support service, interoperable and mission critical communication across multiple vendors and network environments.

It is strategically important for the Agency that both hardware equipment and software are tested and certified by relevant international forums for interoperability. The Agency will largely rely on the framework of Global Certification Forum (GCF, <http://www.globalcertificationforum.org/>) to ensure

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that interoperability between MCX components, such as device, client and server, can be accomplished at reasonable cost.

Current procurements of UE by the Agency are primarily intended to support testing, PoC activities and pilot deployments within the program. These activities are essential to validate functionality, interoperability and operational concepts in close collaboration with user organisations and suppliers. The sub-sections below describe the areas where the Agency foresee call-offs in the near future, but other call-offs can be added at any time depending on need.

The Agency's current direction is that UE for large-scale operational use will primarily be procured by user organisations through established national procurement frameworks. This approach is aligned with current practices for Rakel and is intended to support scalability, flexibility and efficient lifecycle management. The exact procurement model for operational UE may be further refined as the implementation of SWEN progresses.

### **User Equipment – Certified handheld UE**

The Agency plans to procure GCF-certified handheld devices to support PoC-activities. Publication of call-off under DPS 23/135 Area 1 (see chapter DPS below) is expected to be published during Q2/Q3 2026, with contracts and deliveries of a limited number of devices (approximately 20-100 units) during 2026. The procurement will include necessary professional services to support testing, integration and interoperability activities.

### **User Equipment – Vehicle mounted UE**

As a continuation of previously announced procurements of UE for end-user-testing, the Agency plans to procure vehicle-mounted UE to support pilot deployments within the program. Publication of call-off under DPS 23/135 Area 3 (see chapter DPS below) is expected to be published during Q3/Q4 2026. Contracts are expected during 2026 and deliveries in Q4 2026 or Q1 2027.

The procurement will cover a limited number of devices (approximately 50-200 units) and associated services required for installation, integration, interoperability activities and testing in operational environments. The Agency intends to award contracts to more than one supplier, supporting a multi-vendor environment and enabling comparative evaluation during pilot activities.

### **User Equipment – Hybrid RTU**

The Agency plans to procure limited quantities of hybrid Remote Terminal Units (RTUs) to support telematic-related testing and PoC activities. The purpose is to enable validation of use cases involving migration of machine-to-machine

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communication from Rakel to SWEN, and use cases involving communication between both systems (hence hybrid). The procurements are expected to include necessary support for integration and testing activities. The timeline for this procurement activity has not yet been defined.

## **Dynamic Purchasing Systems**

The Agency utilises a number of Dynamic Purchasing Systems (DPS) as a core procurement mechanism to support SWEN. These DPS are used to enable flexible, scalable and competitive call-offs across different domains, including user equipment, mission critical services and advisory support.

Suppliers interested in participating in upcoming procurements are encouraged to monitor relevant DPS and ensure timely application and qualification to those of interest, as participation in call-offs is limited to pre-qualified suppliers within each DPS. No volumes or call-offs are guaranteed under any DPS.

To apply to a DPS, suppliers must have an account in the Agency's procurement system, currently Mercell TendSign.

For support with DPS applications or general questions related to the Mercell TendSign system, suppliers are advised to contact Mercell TendSign's support at +46 (0)771-440200 (weekdays 07:00–17:00 CET).

### **User Equipment for Proof-of-Concept – Dynamic Purchasing System ref. 23/135**

The Agency procures equipment for PoC, pilots and testing purposes through the DPS “User Equipment for Proof-of-concept - Dynamic Purchasing System (DPS)” with reference number 23/135.

The DPS is structured into five areas:

- Area 1: Rugged heavy use handheld devices
- Area 2: Non-rugged handheld devices
- Area 3: Vehicle mounted devices
- Area 4: Accessories
- Area 5: Devices and/or Accessories with D2D-capabilities

### **Mission Critical Services for Proof-of-concept (Dynamic Purchasing System) ref. 23/134**

The Agency procures mission critical systems/software for PoC, pilots and testing purposes through the DPS “User Equipment for Proof-of-concept - Dynamic Purchasing System (DPS)” with reference number 23/134.

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The DPS is structured into four areas:

- Area 1: MCX Platforms
- Area 2: MCX clients
- Area 3: Interconnectivity between Airbus TETRA and 3GPP MCX
- Area 4: Dynamic autonomous MCX/group communications

### **Dynamic purchasing system - Expert consulting in the field of mission critical communication services for PPDR ref. 24/76**

The Agency procures specialised expert consulting services to support the design, implementation and evolution of SWEN through the DPS “Dynamic purchasing system – Expert consulting in the field of mission critical communication services for PPDR” with reference number 24/76.

The DPS enables the Agency to engage both individual senior experts and integrated teams, depending on the nature and scope of the assignment. Call-offs may range from targeted, short-term advisory support to broader team-based contributions within specific workstreams or program areas.

The DPS is structured into three areas:

- Area 1: Experts in the field of 4G and 5G Mission Critical PPDR Networks
- Area 2: Experts in the field of Mission Critical ecosystems and services
- Area 3: Supporting services in Mission Critical projects and programs

### **Dynamic Purchasing System regarding an alternative system integrator**

The Agency will publish a DPS “Dynamic Purchasing System regarding an alternative system integrator”, to enable a competitive continuation of the System Integrator (SI) assignment following the initial phase (6 months) of the SI contract.

Based on the outcome of the initial phase, the Agency may, at its sole discretion, carry out a call-off under this DPS to award the subsequent phases of the SI delivery to a qualified supplier within this DPS.

The purpose of this DPS is to ensure a structured and practically feasible mechanism for competition at a defined decision point, while maintaining a coherent overall delivery model with a single SI responsible for the end-to-end outcome.

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The Agency's intention is to continue the delivery with the supplier that performed the initial phase and proceed with the SI contract as planned. If no call-off is made, the DPS will be closed and the SI contract will continue into the subsequent phases.

### **Dynamic Purchasing System regarding independent assurance and second opinions**

The Agency will publish a DPS "Dynamic Purchasing System regarding independent assurance and second opinions" during Q2 2026, to enable independent review and validation of the System Integrator's work throughout the duration of the SI contract.

Through this DPS, the Agency may procure targeted advisory assignments from qualified suppliers, including but not limited to review of cost estimates, architectural choices, technical solutions and delivery approaches. The assignments are expected to be limited in scope and duration, and are commissioned on an as-needed basis.

The purpose of this DPS is to strengthen the Agency's governance and decision-making by providing access to independent expertise, thereby reducing delivery risks and increasing confidence in key decisions.

### **Dynamic Purchasing System regarding delivery support to the Agency**

The Agency will publish a DPS "Dynamic Purchasing System regarding delivery support to the Agency" during Q2 2026, to strengthen its internal capability in managing and governing the delivery of the program.

Through this DPS, the Agency may engage a delivery partner providing a coherent team that acts as an extension of the Agency in the ongoing interaction with the SI. The delivery partner supports activities such as requirements elaboration, follow-up, review and acceptance of deliverables.

Assignments under this DPS may vary in scope and duration and can be called off in multiple periods depending on the needs of the program.

The purpose of this DPS is to ensure that the Agency maintains sufficient capacity and competence to act as an informed and effective client in relation to a large and complex delivery.