



FACTS ABOUT **Multipurpose Information Management and Exchange for Robustness Prototype (MIMER-P)**

MIMER-P in the event of major disruptions

In the spring of 2006, work started on a prototype for a joint situation assessment (MIMER-P). The objective is to enable the creation of a joint situation assessment within the electronic communications sector in the event of major disruptions to the electronic communications networks.

The aim of the 'Joint situation assessment' project (MIMER-P) is to reduce disruptions within the electronic communications sector and minimise the effects of disruptions for other sectors of society whose operations are dependent on electronic communications. The aim is also to increase the capacity of society to deal with the consequences of disruptions and interruptions to electronic communications.

The prototype for a joint situation assessment will be evaluated during and following Telö 07, the Crisis Management Exercise for the Electronic Communications Sector, in May 2007. A decision will subsequently be made regarding which parts are to be implemented and when these should be put into service.

What is MIMER-P?

MIMER-P represents a combination of method, technology and common standards.

By jointly agreeing on certain standards, a simple 'sector standard' has been produced, which in its turn provides an opportunity to present information about disruptions in a uniform manner. This applies both between telecom operators and to external users. A special interface has been created to inform SOS Alarm, emergency number 112.

Bringing together technology that are available 'over the counter' and placing these in protected spaces offering redundancy creates an operationally secure 'crisis information system' that can subsequently be easily developed in pace with changes in technology and requirements.

One requirement of the project is that MIMER-P should be cross border and that it should be possible to implement parts of MIMER-P in other countries within the EU.

Increased cooperation between stakeholders in society

A joint situation assessment regarding electronic communications increases opportunities for cooperation within the sector as operators can rapidly obtain and exchange detailed information about status and forecasts regarding ongoing disruptions to important services within the telecommunications networks. This information is used by telecom operators as they work to reinstate the capacity of the electronic communications networks and minimise the impact of ongoing disruptions.

Other stakeholders in society and the customers of telecom operators also need information so that

they can plan and implement measures referable to their own needs. Parts of this information can be formulated so that it can be communicated to and understood by other interested parties. The customers of telecom operators can, for instance, be other telecom operators, businesses, public authorities, municipal authorities and individuals. With MIMER-P, these and other stakeholders in society within, for instance, the power sector, emergency preparedness authorities, media and public, will gain access to information about the situation via the Internet and the websites of the respective teleoperators.

Increased information about the disruption situation regarding electronic communications will improve the conditions for collaboration between a large number of stakeholders during a crisis and this will result in a general improvement in the capacity of society to deal with crises.

MIMER-P facilitates reporting to SOS Alarm

The telecom operators report to SOS Alarm if disruptions affect the possibility of using the emergency number 112. Information processing within MIMER-P provides the telecom operators with the possibility of informing SOS Alarm in a common and structured way in an electronic format. One aim of working with similar formats is that it facilitates SOS Alarm's analysis work regarding how ongoing disruptions affect the possibility of reaching the emergency number 112 and other crisis management services in society.

Many participants were involved in the work

The work concerning MIMER-P is conducted within the National Telecommunications Coordination Group (NTSG), and PTS is the project coordinator for MIMER-P. NTSG comprises the following organisations: the Swedish National Rail Administration, the Swedish Armed Forces, Hi3G Access AB, PTS, the Swedish Urban Network Association, AB Stokab, Svenska Kraftnät, TDC Song, Tele2 Sverige AB, Telenor Sverige AB, TeliaSonera AB and Teracom AB.

After having evaluated the functionality of MIMER-P, it is hoped that more telecom operators will be able to benefit from the work of the project and that they will also be able to make use of certain parts of MIMER-P.

The following telecom operators collaborated during the Crisis Management Exercise (Telö 07) by publishing information regarding disruptions in the telecommunications networks on the Internet and by informing SOS Alarm about the affect on the emergency number 112: Hi3G Access (3), Telenor, TeliaSonera, TDC Song, Tele2, and four urban networks that participated through the Swedish Urban Network Association: Utsikt (Linköping urban network), Mälarenergi (Västerås urban network), Gothnet (Gothenburg urban network) and GavleNet (Gävle urban network).

MIMER-P has been financed by PTS, the European Commission within the framework of the European Programme for Critical Infrastructure Protection, the Swedish Urban Network Association and the telecom operators Hi3G Access AB (3), Telenor Sweden AB, TeliaSonera AB, TDC Song and Tele2 Sverige AB.

May 2007



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