

COSMIC Connect

– *The entire spectrum of healthcare in one system*

COSMIC Connect is the new comprehensive service that increases patient security and the quality of healthcare. How? By making it possible for those providing healthcare and patients to have access to the right patient information at the right time. COSMIC Connect is our response to the challenge to suppliers within e-Health to develop services that will facilitate the flow of information over organisational boundaries. COSMIC Connect makes it possible provide information to National overviews and Patien portals as well as other local systems. With COSMIC Connect, the world of healthcare is now taking a giant leap forward towards greater patient security and better healthcare efficiency.

ONE SERVICE WITH A THOUSAND POSSIBILITIES

From the very beginning, our general philosophy has been to link healthcare organisations with one another in order to achieve the best possible healthcare. The principle behind COSMIC Connect is exactly the same as the principle behind other Cambio COSMIC products – to allow healthcare information to be made available to all those who have authorisation.

COSMIC CONNECT – A COMPLETE INFORMATION HUB

The terms information collection and information transfer are central to COSMIC Connect. More concretely, COSMIC Connect consists of a publication and integration platform, which together offer a comprehensive service platform. Users with different kinds of information needs can use COSMIC Connect to extract, transfer or study the information that they are looking for.

COSMIC CONNECT INCLUDES THE FOLLOWING SERVICES:

Connect Integrate

The overall technical framework that

supports all the services in the platform.

Connect Publish

Connect Publish is the publication service that transfers determined amounts of information to other systems. The choice of published amounts of information and transfer frequency is configured per installation. Connect Publish has an embedded general format, but adjustments can be made to the service per connected system in a standardised manner. Connect Publish publishes information partly by continuously reading out entire amounts of information from Cambio COSMIC's database for forwarding to surrounding systems, and partly by surrounding systems requesting public question and answer services.

Connect Publish has an architecture that is divided into two logical parts. One part contains basic services for selecting amounts of information and creating general publication messages. The time-controlled collection of information that actively transfers publication messages is also here. In the other part, the publication

server, adjustments to connected systems take place. The public question and answer services can also be requested here.

TODAY, CONNECT PUBLISH HANDLES THESE AMOUNTS OF INFORMATION:

Patient

Demographic information for the patient, registered relatives and other patient attributes. All changes are published.

Healthcare point of contact

All types of healthcare point of contact and status changes are published. Filtering takes place per connected system.

Attention signal

The new national model for Attention Signal is being used and, for the time being, drug hypersensitivity can be transferred as structured information. Other warnings, observandum and blood infection are transferred as unstructured information.

Diagnosis

The patient's diagnoses are transfer-

red with a connection to the healthcare unit and healthcare provider. If there is a connection to the healthcare point of contact, this is also transferred.

Journal

Journal notes are transferred with connections in the same way as diagnoses. The filtering of notes takes place through the filtering of journal templates.

Medicine

Prescriptions are continuously transferred. The up-to-date medicine list can also be acquired by sending a request to the question and answer service.

Referral and response

Referrals and responses within consultation, chemistry, microbiology, pathology and radiology. These are published as coherent activity objects during each change. The information content in each message naturally fulfils the requirements set by the National Patient Summary.

Extra service – for the sake of Completeness

Connect Publish also contains information in addition to that required by the Nationally defined services. For example, the patient message contains information about exemption cards. Changes in Cambio COSMIC concerning activity objects initiate the creation of publication messages containing the latest version of the object in question.

Question and answer service

The amounts of information that are transferred via the publication services can also be made accessible via public question and answer services. Patient orientated services supplemented with search methods are included here (e.g. within a certain date interval). Connect Publish also functions as a framework for new services, which makes it possible to

introduce storage services. The services are displayed through Cambio COSMIC publishing a Webservice interface for external systems.

OTHER SERVICES IN COSMIC CONNECT:

Connect HSA

Connect HSA ensures that Cambio COSMIC functions within the national infrastructure for healthcare and nursing. It offers the standardised transfer of information between the national HSA catalogue and Cambio COSMIC. With an automatic mechanism, the services provide the opportunity to set up new units and users/resources in the healthcare system including all the properties/attributes that are defined in the HSA model. The services also offer the updating of unit and user information as well as inactivation.

Connect eFa

Connect eFa is an integration solution for the Swedish Tax Agency's new service eFa (elektronisk födelseanmälan - 'electronic birth notification', "Personnummer Online" - 'National identification number Online').

The solution is closely integrated with COSMIC Birth and gives the midwife the opportunity to select a national identification number for a newborn child within a few seconds immediately after delivery.

Connect eFa essentially simplifies the process surrounding newborn children and increases patient security in that, in most cases, the selection of temporary reserve numbers can now be avoided.

COSMIC Connect eMedCertificate

The handling of the sick leave process and doctor's certificates costs society billions. As a result, the Ministry of Health and Social Affairs has set national requirements stating that all county councils must introduce electronic services with regard to the Swedish Social Insurance Agency. COSMIC Connect eMedCertificate

fulfils the requirements and offers greatly improved processes when it comes to transferring doctor's certificates.

COSMIC Self Service

Now people can take care of the checking-in and payment process themselves automatically when they visit a clinic or a hospital. Connect Self Service is a service that can save both time and money in large as well as small healthcare organisations.