



# RadFlow

## Second Opinion Radiological System for specialists

The RadFlow system guarantees equal access to specialist services for all citizens regardless of their place of residence, as it eliminates the problem of distances thanks to the territorial hospital network.

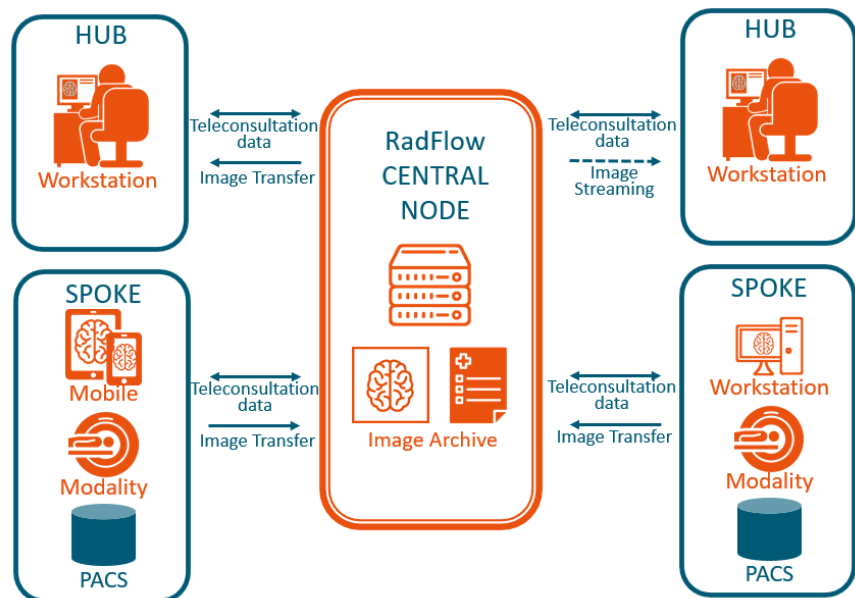
The use of RadFlow reduces emergency treatment times, reduces the number of hospital transfers, optimizes ICU occupancy and facilitates the work of medical teams.

### Second Opinion

The **RadFlow** system enables hospitals to manage critical patients by providing access to real-time consulting services offered by centres of excellence.

The teleconsultation process, also called Second Opinion, can be summarized in two phases:

- **Teleconsultation request:** when a specialist needs advice on a diagnostic/clinical case, sends a teleconsultation request to a centre of excellence by filling in a form with the information necessary to identify the patient and with the anamnestic and objective data, automatically taken from the information system of the applicant company.
- **Teleconsultation delivery:** the answer is provided by the specialist who carries out the consultation. First of all, he views the request and the associated images, videos or biometric traces, then writes the answer and finally closes the request by signing the consultation.



### Characteristics

- Centralized management of users mediated and federated by an Identity Provider (IdP) based on standards (e.g. SAML 2.0, OpenID Connect) and connectivity to even multiple existing LDAP/ADs according to a logic of priorities;
- Grouping of services for scalability and availability;
- Extensible and customizable request/response form management;
- Association of diagnostic imaging exams from one or more PACS;
- Simplified notification management;
- Strong signature management of reports (mandatory) and requests (optional);
- Output transfer connectivity to optional XDS Repository that can be activated by configuration. The connected Repositories can be more than one;
- Centralized management for administrators and users;
- Videocall and planning of meetings between users;
- Sending SMS notifications to mobile devices with login short-links.

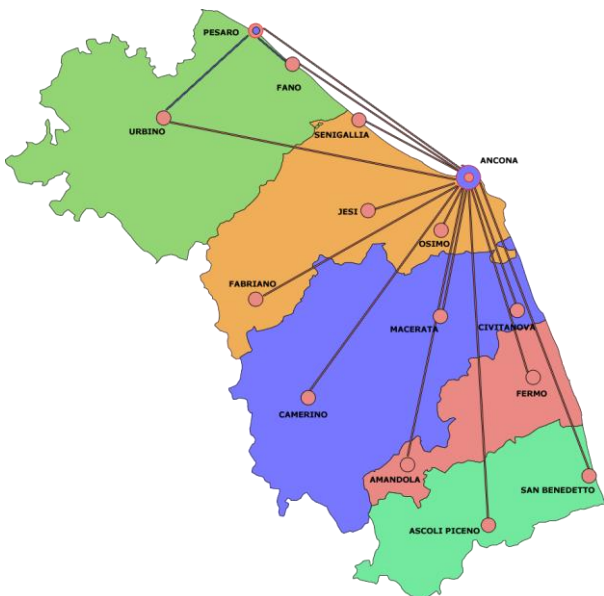


## Neurosurgical teleconsultation

**RadFlow** is widely used in Veneto mainly in the field of neurosurgical teleconsultation for the treatment of vertebromedullary trauma, ischemic stroke and the decentralized management of patients on oral anticoagulant therapy, thanks to the success achieved by the European Health Optimum project co-financed by the Veneto Region with the collaboration of the Arsenà consortium.

In this context, it was possible to reform the organizational models of the regional health system by exploiting the contribution of telemedicine applications with the aim of optimizing the delivery of remote health services, extending the availability of excellent health services, improving the perceived quality of services provided and, at the same time, reducing the costs associated with them.

The creation of an info-structure for the transfer of information - and not of people - with characteristics of great versatility and flexibility, allows us to envisage numerous new contexts of use.



## Teleconsultation for the Trauma Area

Through RadFlow, the Integrated Trauma Assistance System (SIAT) was also created for the entire Marche Region. The SIAT system is used in hospitals in the Marche region to manage the flow of data related to critically ill patients for whom correct classification and treatment is required in the first aid or follow-up phase aimed at reducing the severity and frequency of the complications responsible for death.

The products: eArchive, eLifeCare, eRis/eVisit, eViewer, eWard, MedStation are CE<sup>0476</sup> (93/42 / EEC) certified Medical Devices of class IIA.  
The complete list of certified model versions can be obtained by contacting Exprivia.