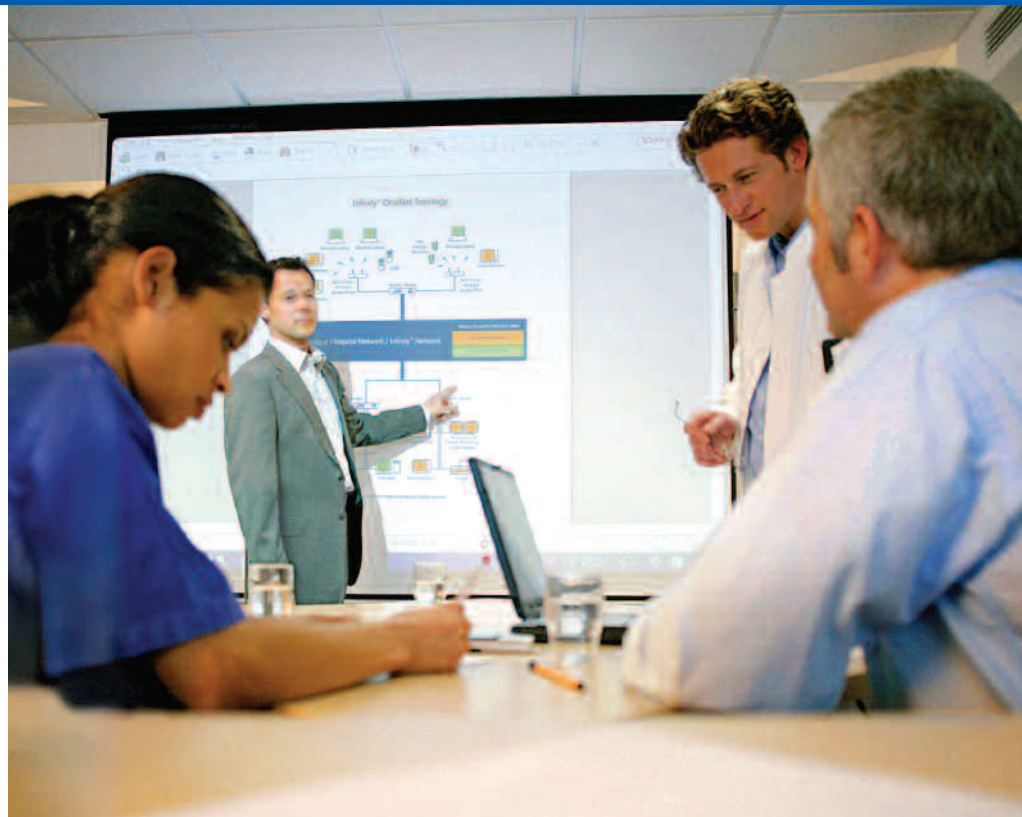


Wireless Network Design Service

The Dräger Medical Wireless Network Design Service delivers network designs to support your deployment of Dräger Medical patient monitors and WiFi-based telemetry. The Design Service encompasses network hardware, wireless network design, devices and network configurations.

The service, delivered by a Dräger Medical professional network engineer, is divided into the following phases:

1. Needs assessment
2. Initial design
3. Wireless site survey
4. Design ratification
5. Design acceptance



1. Needs assessment

In this phase, offered at no cost, Dräger Medical, your project manager and a representative from your IT department conduct a detailed review and in-depth technical discussion of your network requirements.

2. Initial design

In this phase, Dräger Medical drafts a proposal for the network design based on your facility's structural CAD diagram, which is used as a basis for mapping access point (AP) locations and a predictive wireless design. The goal of this phase is to provide a working copy of the network design for planning and budgetary purposes.

3. Wireless site survey

This onsite evaluation determines the radio frequency (RF) characteristics of the building. First, a general "Noise Floor" survey is made to determine the background noise between 2.4 GHz and 2.5 GHz and any sources of interference that may exist. Dräger Medical will also review with you AP placement, mounting issues and any other points of interest identified in phases 1 and 2. During the survey, Dräger Medical measures RF penetration and gathers samples that can then be uploaded into the building RF model to accurately predict the measurements at all points throughout the entire building.

4. Design ratification

The results of the previous project phases will be captured in a comprehensive Network Design Document that specifies:

- Design objectives and considerations.
- Parties involved in the project and their roles.
- Network topology including access point placement and predicted wireless network coverage patterns.
- Hardware configurations, specifications and bill of materials.

Dräger Medical will verify the proposed design against the physical measurements taken onsite. The final topography and mounting recommendations will be specified.

5. Design acceptance

At this point, you will approve the final Network Design Document, which allows us to move forward with the network project.

Your responsibilities

- Provide access for the network engineer to measure at least one access point.
- Supply a map and a structural CAD diagram of your facility.
- Identify locations of existing access points, or planned locations, if known.
- Determine the specific areas that need wireless coverage.
- List the client applications and numbers of wireless client subscribers by area.
- Enable access for the network engineer to sample access points while onsite.

Service limitations

- Working hours are Monday through Friday from 8 AM to 5 PM local time.
- The site survey is for 802.11b/g (2.4GHz) wireless technologies only.
- This service does not include implementation or configuration.
- Actual results may vary from predicted values.

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The quality management system at Draeger Medical Systems, Inc. is certified according to ISO 13485, ISO 9001 and Annex II of Directive 93/42/EEC (Medical devices).