Implementing e-health services in Sweden

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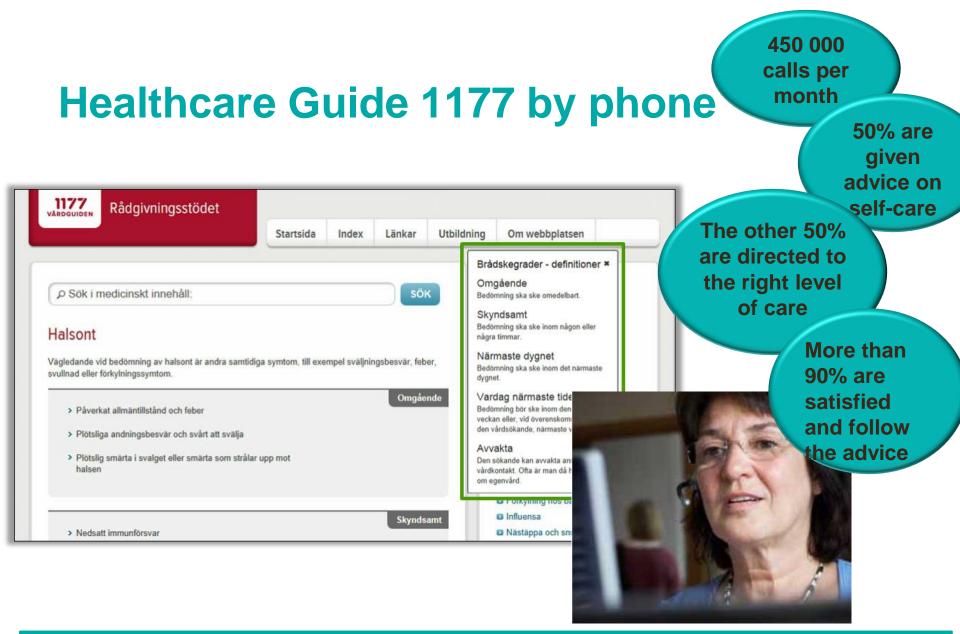
inera

May 9 2017

Inera – basic facts

- Inera is a company owned by the 21 county councils and (soon) the 290 local authorities in Sweden
- Inera is providing the owners with services for the patients, citizens and for healthcare staff, along with related infrastructure and architecture
- The company revenue is approximately 75 million euro
- There are about 300 employees at Inera
- We have hundreds of collaborators all over the country technicians, healthcare staff and decision makers

Healthcare Guide 1177 by phone



The general public is welcome to phone Healthcare Guide 1177 twenty-four hours a day, year-round, all over Sweden.

Healthcare Guide 1177 by phone implementation

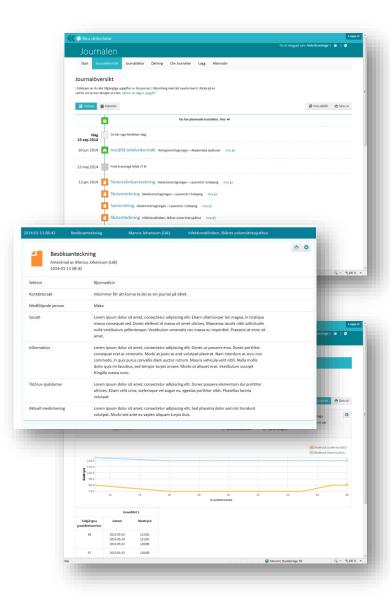
- Coherent project organization
- Clear project model and project organization
- Templates
- Manager
 – project leader
- Nurses in majority
- Train-the-trainer



Medical records online

Medical records online

- 20 counties have made medical records accessible online for patients. The last county has started their implementation
- The service is providing records from clinics and information about immunizations, prenatal care, child care, medication, test results, health care contacts, referrals ...
- 1 million users, and increasing



Research on implementation shows

- Patients consider the service useful
- They feel better prepared for medical appointments and more informed about their own health
- The service supports them in understanding what the doctor has said and motivates them to go through treatments
- Most patients want more information than is accessible
- Doctors and nurses were initially sceptical, but get increasingly positive when they start to use the service

Effects of the implementation

- The 21 county councils have agreed on the target that in the year 2020 all citizens in Sweden from the age of 16 shall be able to access their medical records online, and parents shall have access to their childrens records until they turn 13
- An increasing amount of psychiatric clinics are making their records accessible
- Medical staff are beginning to discuss the quality of the medical records
- This service is affecting the relationship between caregivers and patients in a positive way

National patient summary

National Patient Summary

- The National Patient Summary – the right information in the right place, at the right time and for the right users
- 60,000 accesses during January 2017 from doctors and nurses

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2010-10-26	Ryggvärk, ospecificerad	Medicin	kliniken		2010-10-26	Ryggvärk, ospecificerad			Medicinkliniken			
2010-04-24	Diabetes mellitus typ 1	VFL Vår	VFL Vårdcentralen Lilleby			Diabetes mellitus typ 1			VFL Vårdcentralen Lilleby			
2014-07-19	Diabetes mellitus typ 1 Ögonkliniken				2014-07-19	Diabetes me	ellitus typ 1		Ögonkliniken			
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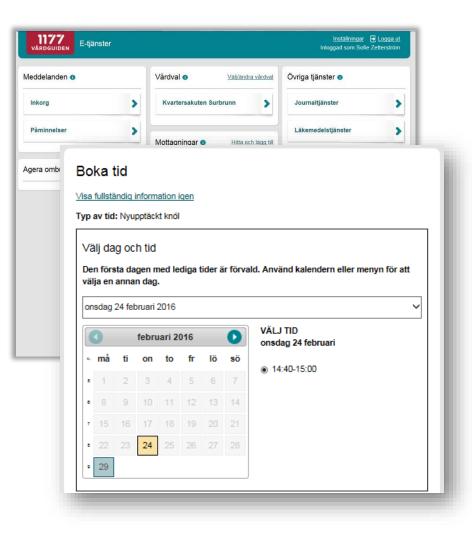
National Patient Summery

- The technical connections as a factor affecting the implementation
- Motivation of producing the information
- National regulatory framework
- Legal aspects
 - The Patient Data Act (PDL 2008:355)
- Health professionals

Scheduling appointments online

National personal e-services

- Patients can schedule, reschedule and cancel appointments in health care online
- The clinic has to connect its scheduling system to the national patient portal



An increasing use of the service







An enormous potential

- Analyisis show an expected economical saving of 700 euros a year when the service is in full use

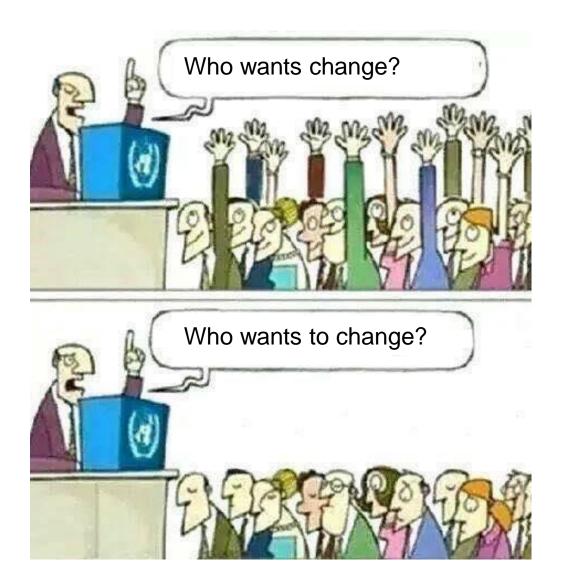
Effects of implementing the service

- An initial resistence from some of the health care staff
- A decreasing amount of late cancellations
- Less patients that never show up
- Less phone calls
- Less administrative tasks for the nurses
- Better service for the patients as the service is in use around the clock

Conclusions

What have we learned?

- Technology is no obstacle
- The challenge is about changing working methods and business development
- A success factor is local involvement driven by enthusiasts
- Management has to be involved
- Change takes time





Thank you for your time