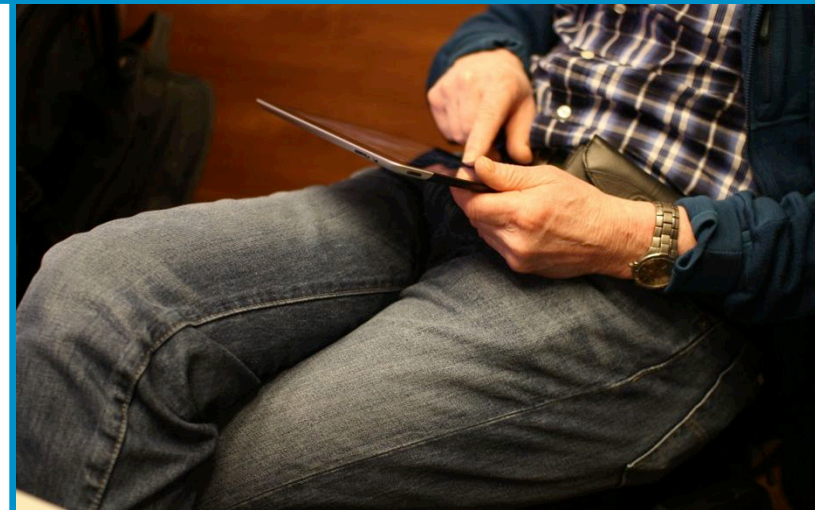


Imatis

Kommunale tjenester

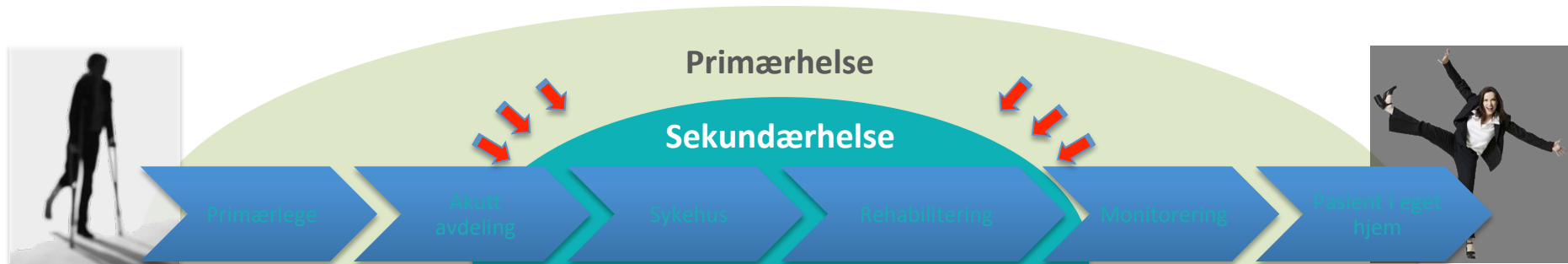


Imatis AS

- Norsk programvarefirma, etablert i 1991
- Bakgrunn fra olje og gass
- Delte selskapet i 2 likeverdige deler i 2007 (100 ansatte). Imatis AS fokuserer nå kun på helsesektoren (sykehus og kommunal sektor)
- Hovedkontor i Porsgrunn, kontor i Boston US og Melbourne Australia

Imatis løsningen

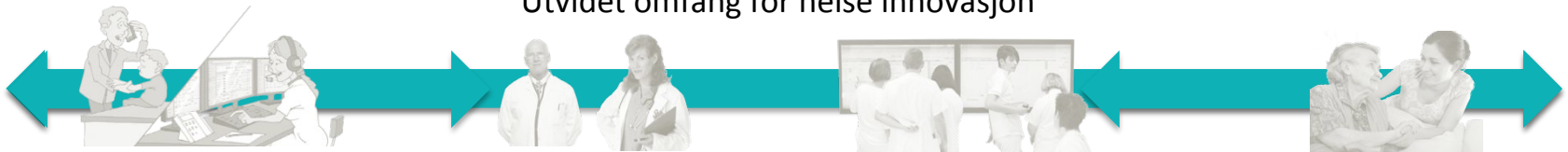
et gjennomgripende system for pasientbehandling



Tradisjonelt omfang av helse innovasjon



Utvidet omfang for helse innovasjon



Helse IT må omstille seg til å understøtte brukernes behov for samhandling, informasjonsutveksling og et behov for mer selvbetjening. Brukere forventer å møte helsetjenesten på en helhetlig måte når man benytter seg av web, mobil og nettbrett.

Imatis løsninger

Teknologi som muliggjør nye måter for samhandling



Tradisjonell
silotankegang



Nye integrerte
samhandlingsverktøy

Løsninger fra Imatis



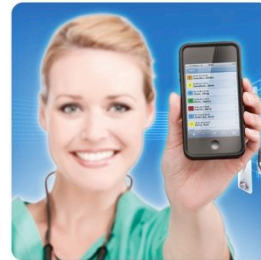
IMATIS Visual Health



IMATIS Porta



IMATIS Visi



IMATIS Mobilix



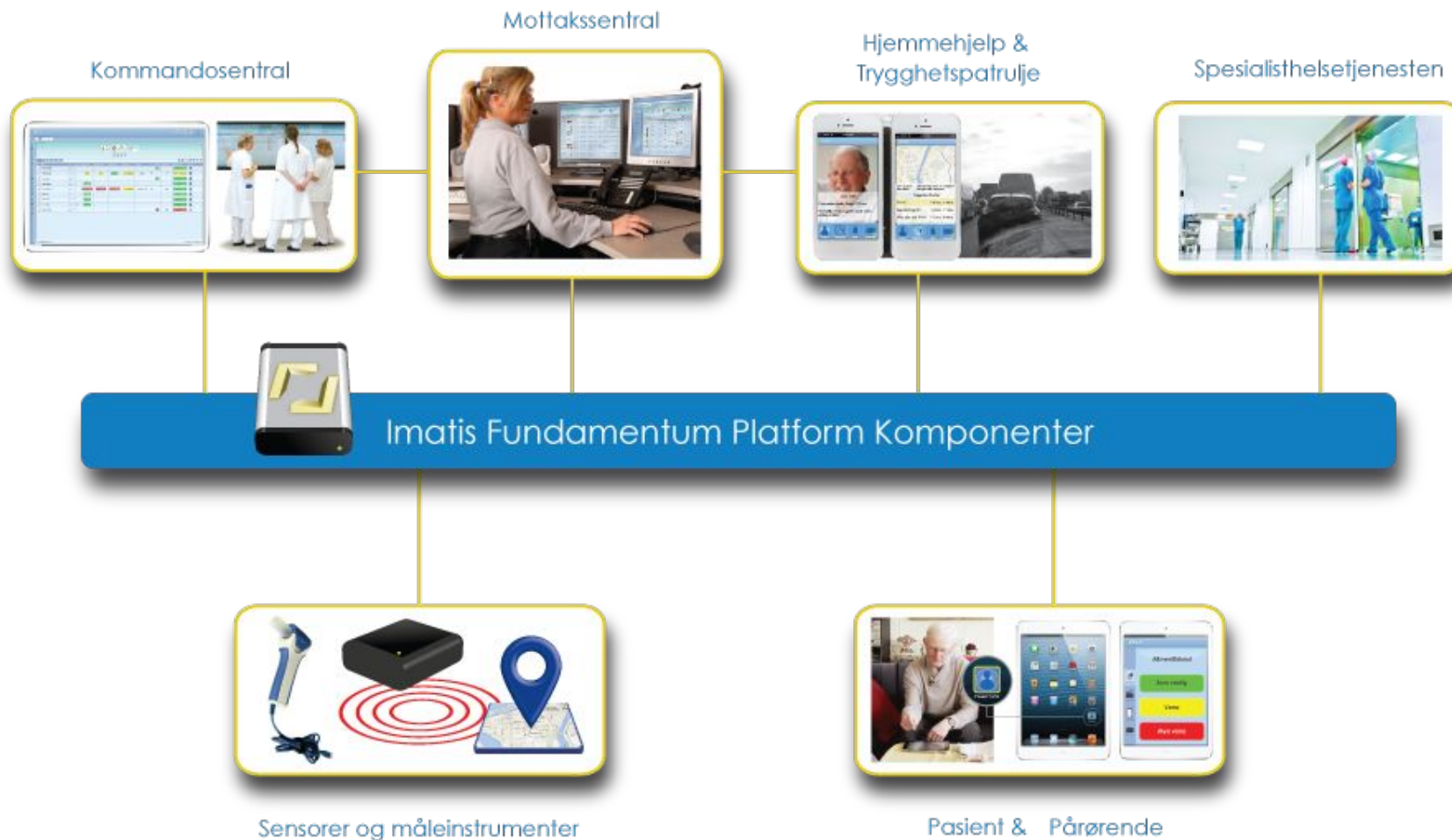
IMATIS Ludus



IMATIS Fundamentum

Security, Integration, Messaging, Storage, Business Rules, Workflow, Portal and Location Based Services

Imatis modulbaserte systemløsninger



Hva er IMATIS Visi ?

- Tilpassede arbeidsflater basert på brukerens behov (like enkelt som Excel)
- Sanntids visning av informasjon
- Intern og ekstern kommunikasjon
- Synliggjøre ansvar og oppgaver
- Samarbeid på tvers av avdelinger
- Sømløs overføring av informasjon
 - Pasient – kommune - sykehus



Teknologiplattform for å
muliggjøre nye
tjenestemodeller
"Tjenestetorg"

Tjenestetorg - selvbetjening

The screenshot displays the IMATIS Fundamentum Portal interface. At the top, the logo 'IMATIS FUNDAMENTUM PORTAL' is visible on the left, and navigation buttons for 'Apps', 'Switch role', and 'Logout' are on the right. Below the header, a sidebar on the left contains 'My Organization' and a menu with 'AHUS' and 'System Management'. The main content area is titled 'Choose a Category' and features a grid of 14 application categories, each with an icon and a brief description:

- Newest Apps**: The newest IMATIS solutions in the Apps catalogue.
- Outpatient, Therapy & Clinics**: The Outpatient, Therapy & Clinics category contains IMATIS and third party applications that are specifically suited for use in outpatient and same-day clinics as well as therapy units.
- Inpatient & Obstetric/Maternity**: The Inpatient & Obstetric/Maternity category contains IMATIS and third party applications that are specifically suited for use in inpatient, obstetric and maternity departments.
- Emergency & Prehospital**: The Emergency & Prehospital category contains IMATIS and third party applications that are specifically suited for use in emergency departments as well as prehospital units such as ambulance dispatch and emergency call centrals.
- Intensive Care & Monitoring**: The Intensive Care & Monitoring category contains IMATIS and third party applications that are specifically suited for use in departments with continuous monitoring as well as intensive care units.
- Anaesthesiology & Surgery**: The Anaesthesiology & Surgery category contains IMATIS and third party applications that are specifically suited for use in departments and units that perform surgeries and tasks related to anaesthesiology.
- Laboratories & Imaging**: The Laboratories & Imaging category contains IMATIS and third party applications that are specifically suited for use in laboratories and imaging departments.
- Service Management**: The Service Management category contains IMATIS and third party applications that are specifically suited for use in service units and departments such as building-, housekeeping and transportation management.
- Municipal & City Healthcare**: The Municipal & City Healthcare category contains IMATIS and third party applications that are specifically suited for use in healthcare organizations that are located in the municipal and city sectors.
- Tools & Services**: The Tools & Services category contains IMATIS and third party applications that can be installed as add-ons for IMATIS installations to provide extended functionality and capabilities.
- Patient Portal**: The Patient Portal category contains IMATIS and third party applications that are designed to empower and involve patients during their hospital stay as well as to provide patient entertainment.
- Reference Works**: The Reference Works category contains a number of different medical reference works including national medicine handbooks and decision support medicine maps.
- System Administration**: The System Administration category contains an overview of the different system administration applications available for an IMATIS Portal installation.
- Fundamentum Platform Components**: The Fundamentum Platform Components category contains an overview of the different installable components that are available for an IMATIS installation.
- System Adapters**: The System Adapters category contains an overview of the different adapters that are available for an IMATIS installation. There are a set of standard adapters that is supported by Imatis, and a set of open source adapters that can be supported on request.
- Training & Education**: The Visi Training & Education category includes an empty Visi application and training material for education of future Visi users and administrators.
- Visual Health**: Visual Health

Plattform for datafangst

HelsaMi

Kobling av alarmer og sensorer



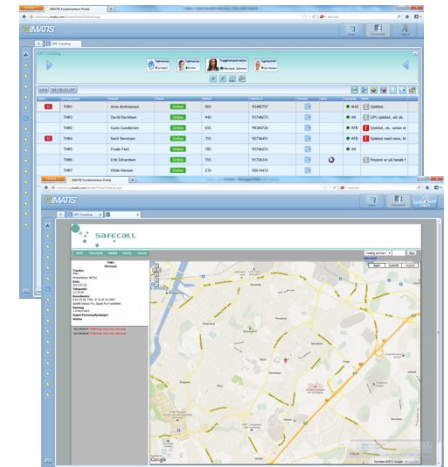
Trygghetsalarm



Blodtrykk og puls



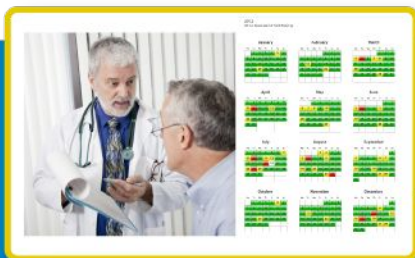
Vekt og puls



GPS oppfølging av demente

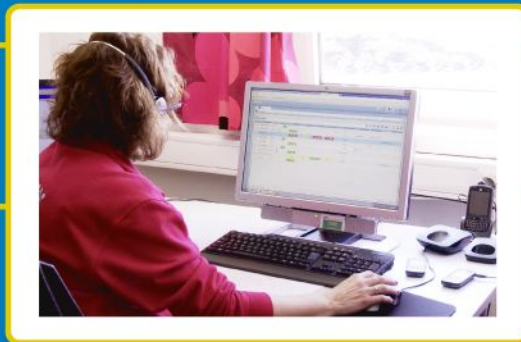
Vha.: Plug and Play plattform for sensorer - IMATIS Fundamentum Data Engine (Gateway)

Oppfølging av hjemmeboende kronisk syke



General Practitioner

Municipal Health Care Unit



Home Visit Service

Patient



Hospital



Oppfølging av hjemmeboende kronisk syke

Device ID	History	Age	Call No	Received	General Condition	Breath	Amount of Sputum	Color of Sputum	Medication	Assessment	Note	Start Treatment	Patient Plan	Location	Share	Archive
Device 5		M/ 78		11 nov 07:56						!!		11 nov 10:14	CRITICAL CONC			
Device 3		M/ 68		11 nov 07:36						!!			CRITICAL CONC			
Device 2		M/ 61		11 nov 06:36	as usual								Stable conditio			
Device 1		M/ 55		11 nov 09:14	worse	worse	worse	Grey Sputum	Common and A			11 nov 11:14	Reduced conditio			
Device 6		F/ 32		11 nov 06:03	as usual								Stable conditio			
Device 4		M/ 83		11 nov 08:32						OK			Stable conditio			
Device 1		M/ 74		11 nov 08:42	as usual								Stable conditio			

IMATIS Visi 2013.2.0.0 Data received 18 seconds ago

“fremtidens trykghetsvakt”

Oppfølging av hjemmeboende kronisk syke



The screenshot displays the IMATIS Home Care COPD software interface. The top section shows the application title and user information. Below this is a table of patient data with columns for Name, Age, Call No., Received, General Condition, Breath, Amount of Sputum, Color of Sputum, Medication, Assessment, Note, Start Treatment, Patient Plan, Location, Share, and Archive. The table lists several patients, including George Grieg, Colin Clint, Bernt Barret, and Aron Arnsatt, with their respective health status and treatment details.


History	Age	Call No.	Received	General Condition	Breath	Amount of Sputum	Color of Sputum	Medication	Assessment	Note	Start Treatment	Patient Plan	Location	Share	Archive
George Grieg	M/ 78	99 111 77	11 nov 07:56						II	BB	11 nov 10:14	CRITICAL CONDITION			
Colin Clint	M/ 68	99 777 99	11 nov 07:36						II	LL		CRITICAL CONDITION			
Bernt Barret	M/ 61	99 888 99	11 nov 06:36	as usual						LL		Stable condition			
Aron Arnsatt	M/ 55	99 222 33	11 nov 09:14	worse	worse	Grey Sputum	Common and A				11 nov 11:14	Reduced condition			

The bottom section of the screenshot shows a similar table with columns for Device ID, History, Age, Call No., Received, General Condition, Breath, Amount of Sputum, Color of Sputum, Medication, Assessment, Note, Start Treatment, Patient Plan, Location, Share, and Archive. This table lists several devices for different patients, including Device 5, Device 3, Device 2, Device 1, Device 6, Device 4, and Device 1, with their respective health status and treatment details.

Device ID	History	Age	Call No.	Received	General Condition	Breath	Amount of Sputum	Color of Sputum	Medication	Assessment	Note	Start Treatment	Patient Plan	Location	Share	Archive
Device 5	M/ 78			11 nov 07:56						II		11 nov 10:14	CRITICAL CONE			
Device 3	M/ 68			11 nov 07:36						II			CRITICAL CONE			
Device 2	M/ 61			11 nov 06:36	as usual								Stable condition			
Device 1	M/ 55			11 nov 09:14	worse	worse	Grey Sputum	Common and A				11 nov 11:14	Reduced condi			
Device 6	F/ 32			11 nov 06:03	as usual								Stable condition			
Device 4	M/ 83			11 nov 08:32						OK			Stable condition			
Device 1	M/ 74			11 nov 08:42	as usual								Stable conditio			

Se gruppen – Se den enkelte

- IMATIS Visi gir oversikt over hele grupper av pasienter
- Sorter gruppen for å enkelt prioritere dem som trenger oppfølging
- Enkel tilgang til detaljert informasjon om den enkelte pasient



The screenshot shows the IMATIS patient history interface. At the top, the patient's name is "Bernt Barret". Below this, there are filters for "From Date" (11.11.2013) and "To Date" (11.11.2013), and a "Display column" dropdown set to "All". The main part of the interface is a table with three columns: "Time", "Cell changed", and "New value". A callout box on the left shows a patient icon and the name "Bernt Barret".

Time	Cell changed	New value
11.11.2013 08:51	Assessment	I
11.11.2013 08:51	Medication	Common
11.11.2013 08:51	Color of Sputum	Grey Sputum
	Amount of Sputum	worse
	Breath	worse
	General Condition	worse
	Assessment	OK
11.11.2013 08:51	General Condition	as usual
11.11.2013 08:51	Assessment	OK
11.11.2013 08:51	General Condition	as usual
11.11.2013 08:50	Call Me	
11.11.2013 08:50	Assessment	OK
11.11.2013 08:50	General Condition	as usual
11.11.2013 08:50	Call Me	
11.11.2013 08:50	Assessment	OK
11.11.2013 08:50	General Condition	as usual
11.11.2013 08:50	Assessment	OK
11.11.2013 08:50	General Condition	as usual
11.11.2013 08:50	Assessment	OK
11.11.2013 08:50	General Condition	as usual
11.11.2013 08:50	Assessment	OK

Se gruppen – Se den enkelte

IMATIS FUNDAMENTUM PORTAL

My Organization > Trondheim municipality > Trondheim Home Care

Home Care COPD History

Body · Skeleton Search anatomy

300229-9999 Susan Yg

Date Substance Location
PENICILLIN - HÆVELSE I ANSIGTET

Episode: 2008-09-18 08:00 to
Indikation:
Diagnoses

Type	Code	Text
A	DZ099	Kontrolundersøgelse efter beh u spec af andre tilstande

▼ Notater (2/2)

undefined - 2008-10-29T13:37:00
Bilagsnotat: Fysioterapeutisk status

Fysioterapeutisk kontrol efter THA. Laila Kragh Thøgersen/lkt Fysioterapeut

undefined - 2008-10-22T13:15:00
Amb.notat Thisted: Amb. notat

Anamnese
Ru af venstre hofte viser optimale forhold og heling af brudet og indheling af protese. Begynder at støtte fuldt og gangtræne og aftaler ingen yderligere her, men er velkommen i fald der måtte være problemer.

Wolfgang Krummenigge
Overlæge

► Procedurer (4)

Episode: 2008-09-12 13:05 to 2008-09-17 14:55
Indikation: DM160, Arthrosis coxae primaria bilateralis
Diagnoses

Type	Code	Text
B	DK562	Volvulus
undefined	TUL2	

Portal til Pasientens Journal

Oppfølging av demente – GPS sporing

GPS Unit



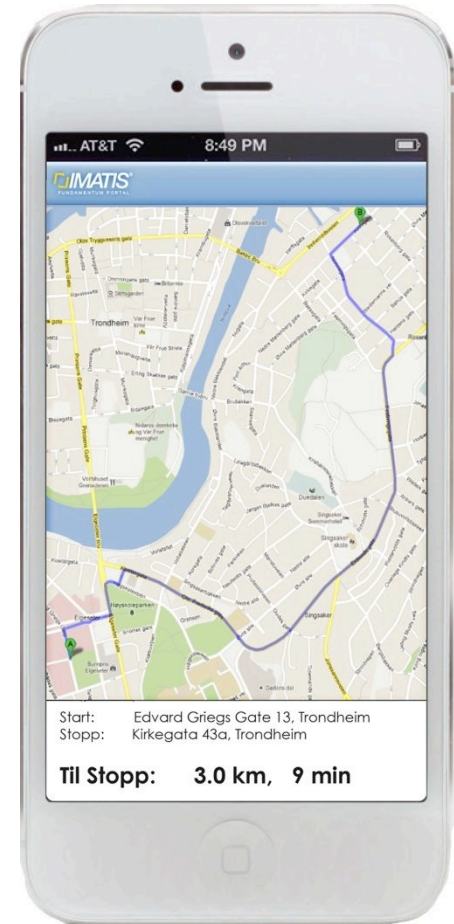
Municipal Health Care Unit



Emergency Service

Oppfølging av demente – GPS sporing

- Enkel integrasjon mot ulike leverandører av tekniske hjelpemidler
- Oversiktlig oppfølging av status og alarmer
- Kobling mot Journal



Oppfølging av demente – GPS sporing

The screenshot displays the IMATIS Fundamentum Portal interface for dementia care. The header shows the organization path: My Organization > Trondheim municipality > Trondheim Home Care. The user is logged in as My Organization\Administrator. The main content area is titled "Home Care Dementia" and features a navigation bar with "All Patients" and "FOLLOW UP" buttons. Below this is a table of patient data.

Alarm	Device ID	PatientName	Age	Status	Battery %	Latitude	Longitude	Position	ZONE	Radius	Responsible	Archive
	GPS 1	John Johnson	M/ 67	Online	90						TT	
10	1136001253	Christina Collin	F/ 78	Online	85							
	GPS 3	Frank Flanning	M/ 65	Online	60							
	GPS 2	Penny Penson	F/ 61	Online	100							
	1326000200	Tommy Thomm	M/ 38	Online	25							

At the bottom of the interface, there is a large text box containing the text: "Trygghetsvakt – eller annen sentral oppfølging". The footer of the page indicates "IMATIS Visi 2013.2.0.0" and "Data received 20 seconds ago".

Oppfølging av demente – GPS sporing

Unit: 1326000200

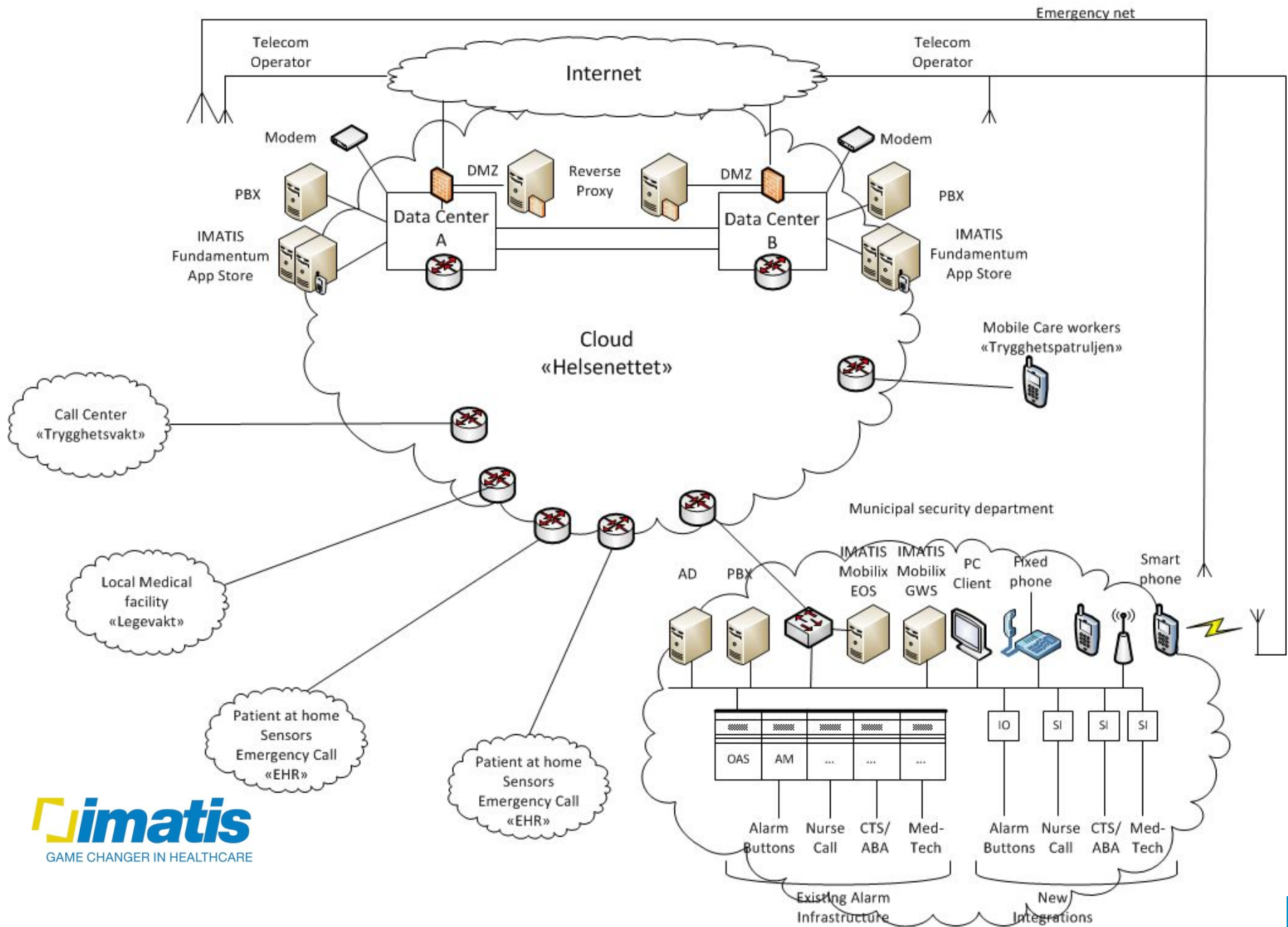
Last position:	11/10/2013 23:13
Next position:	11/11/2013 05:13
Temperature:	18.00°
State:	Normal
Position accuracy:	3037 Meters

Trygghetsvakt – eller annen sentral oppfølging

Scale: 1000 m / 5000 ft

Oversikt over alle pasientgrupper

Patient Group	PatientName	Age	Phone #	Patient Info	Responsible	Location	Archive
	David Davidsen	M/ 57	99 666 99		Linda Long		
	Fiona Flanning	F/ 68	99 444 99				
	Andrew Andersen	M/ 68	99 999 99				
	Bernt Barret	M/ 79	99 888 99		Linda Long		
	Aron Armani	M/ 79	99 222 33				
	George Grieg	M/ 79	99 111 77		Barry Brown		
	Colin Clint	F/ 85	99 777 99		Linda Long		
	Penny Penson	F/ 61	77 444 33				
	Frank Flanning	M/ 65	88 444 88				
	John Johnson	M/ 67	88 222 88		Tory Tanner		
	Christina Collins	F/ 78	88 333 88				
	Tommy Thommesen	M/ 38	77 666 55				





Takk for oss

imatis