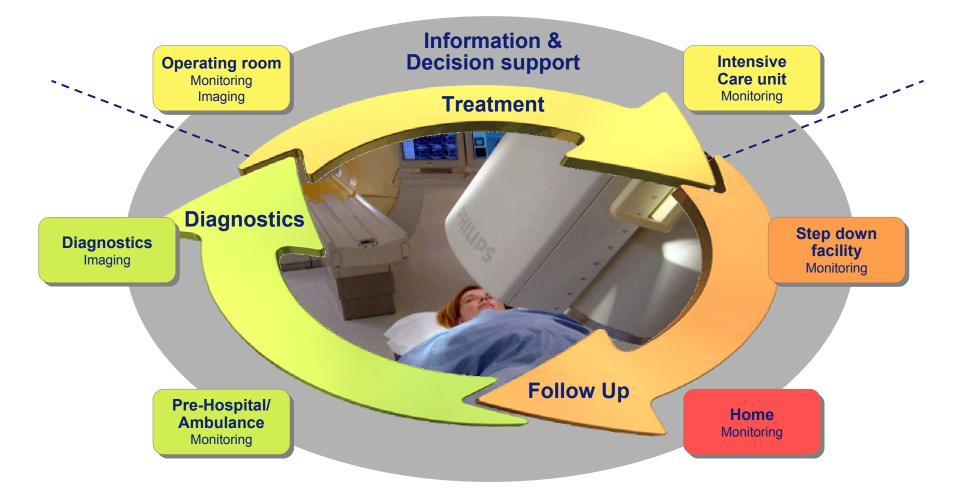
Healthcare IT

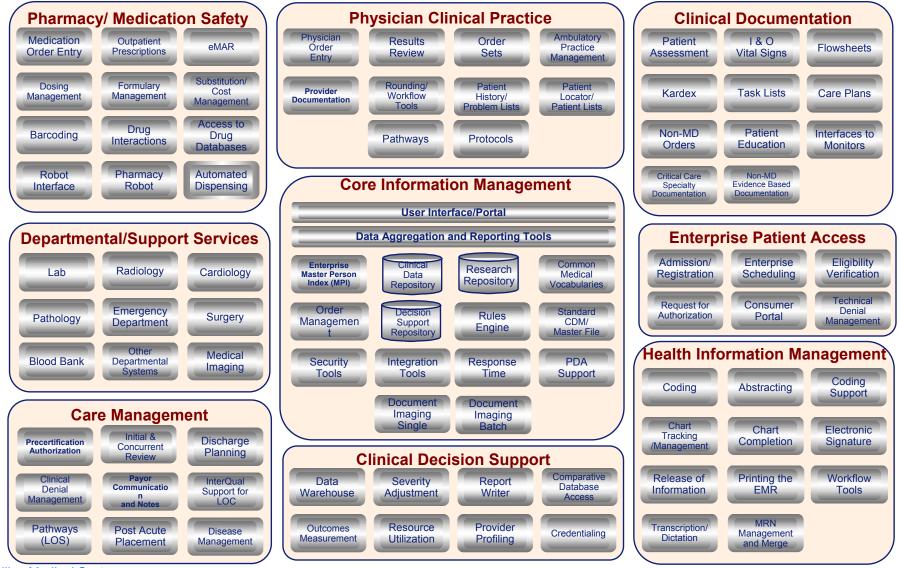
Stan Smits

Analysts' Meeting June 15th, 2005

Healthcare IT is the backbone of the care cycle

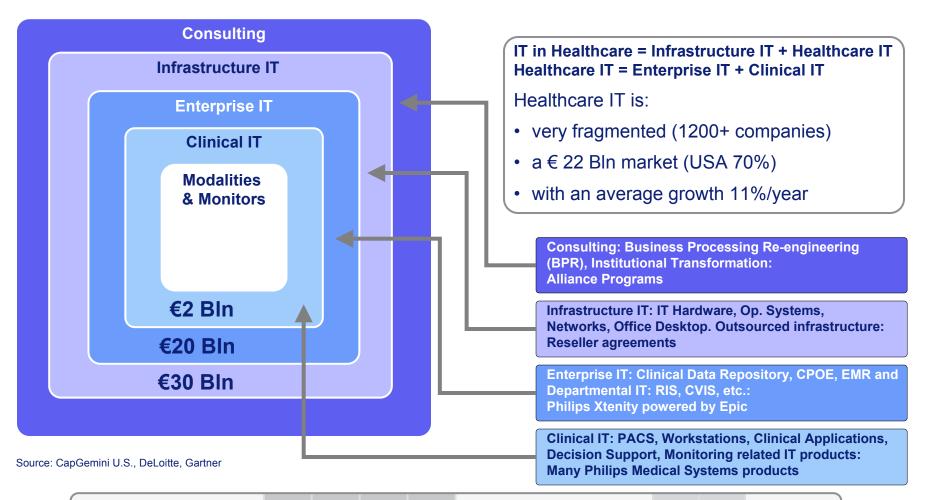


Healthcare IT comprises many different applications



Philips Medical Systems

Healthcare IT Market

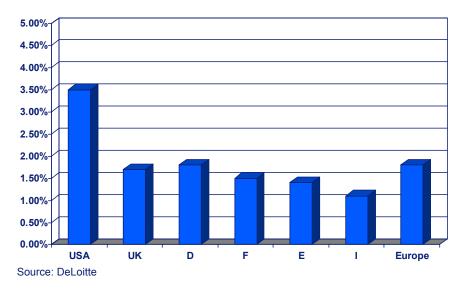


Total IT in Healthcare €52 Bln (USA 50%) in 2004

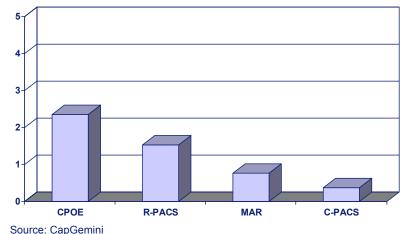
Healthcare IT market remains very regional

- **CPOE** (Computerized Physician Order Entry) and MAR (Medication Administration Record) in USA justified by avoidance of medical errors
- **PACS** (Picture Archiving and Communication System) both for Cardiology and Radiology remains an important growth market
- **ADT** (Admission, Discharge, Transfer) in Europe is a replacement market

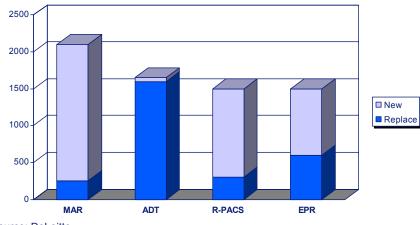
Hospital IT spend as % revenue



USA Healthcare IT Application Ranking by Attractiveness







Philips Medical Systems

Key Enterprise IT Integrated Solution Vendors	Key PACS Vendors	Key Clinical Application Vendors
Epic + PHILIPS	PHILIPS + SECTRA	PHILIPS
SIEMENS	SIEMENS	SIEMENS
	MCKESSON Empowering Healthcare	VITAL The image of understanding
MCKESSON Empowering Healthcare	AGFA 🐢	BARCO- Visibly yours
Medical Information Technology, Inc.	🖳 FUJIFILM	AtoZ for Excellence™ 株式会社 ĂZĚ
Making a Difference in Healthcare [®]	- EMAGEON)	CORE PISON EFEATION
* CECLIPSYS	STENT R	TERARECON, INC.

Philips Medical Systems

Philips offers a consistent experience



November 2003: Philips announced alliance for Enterprise IT with Epic

Epic Company Profile:

- Founded in 1979
- Based in Madison, Wisconsin, US
- 1,600 Employees
- Privately owned HealthCare IT company
- Growth approximately 30% per year
- Website: <u>www.epicsystems.com</u>
- Epic has a complete Integrated Enterprise Healthcare IT system
- Received again (10th time in a row), the #1 customer satisfaction ranking by KLAS
- 42 M Patient Records in use in the US

HealthCare's premium award winning technology vendor



We are on-track...





- World-wide announcement previous analyst meeting November 4th
- Partnership introduction for Cardiologists (AHA) and Radiologists (RSNA) in November 2003

Major launch at major US Healthcare IT event (HIMSS) in February 2004 Training and roll-out during 2004

Highly qualified Philips Healthcare IT team (50 by year-end) being trained by Epic

This will allow Philips also to use the award winning Epic processes Philips selected as Vendor of Choice in first project

Major announcements planned for RSNA 2004 and HIMSS 2005

31

By mid 2005 fully operational Healthcare IT practice in North America

Alliance benefits:

- Fully Integrated Enterprise IT portfolio
- Staff trained by KLAS #1 vendor
- Scaleable in deployment
- Tight integration with modalities, PACS and monitoring equipment

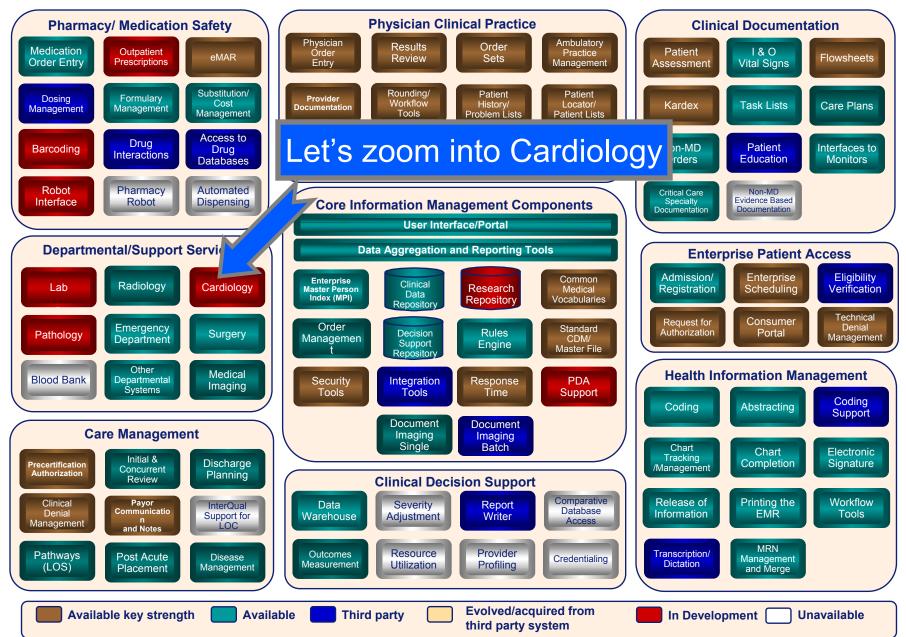
We remain on-track...

🖨 Back. 🔿 Forwa		a In Ba			-		el Enc 🏺	Hospital	Chart 📃	Patient Li	sts 📇 S	ecure 🧯	🗿 Print 🔹	📲 Log C	lut -		
PHILIPS Garcia, Re	osa	_	Age		≥ DOB 29/1994	M	RN 703	N	Ale Io Know	^{rgies} n Allerg	ies		PCP (None)		INS		Patient Pr Inactiv
Patient Summary Chart Review	Vitals 2 Days (= 📴 Vita	ls 2 Day	s 📑	Sna	oShat 🗔	ICU S	iummary	a m	IAR 3 Days		ICU Gra	iph 🗔 Pa	in Manage	ment			
Synopsis	Vitals 01/26 160	0.01/2	8 1559 1	in 2hr inte	rval												
Results Review		1/27/								1/2	8/05					Þ	
Problem List		2	12-14	14-16	16-18	18-20	20-22	22-00	00-02	02-04	04-06	06-08	08-10	10-12	12-14	14-16	
History	BP and Pulse BP																I_{170}^{180}
Notes	Pulse	+															160
Demographics		-															140
Medications			-^		1												+ 130
Allergies		H			• ••-•• ••	•	-	•• -		• •	-•						110
Order Entry		-		-			•			• •	-•						90
Order Beview																	+80
Imm/Injections		-+			[60
MAB	Temperature								~~~	1					1		+ 50 40
Intake/Output	Temp	-															- 39
Doc Flowsheet	Respirations	+															- 38
Initial Assessments		+		-		-			•	• •	-						- 37
Care Plan		-	-														+33
Patient Education			1														+ 30 - 25
Discharge Writer					·			••	•	• •							1 ₂₀
enerage writer		-		-													15
																	+ 10
Hotkey List		<															

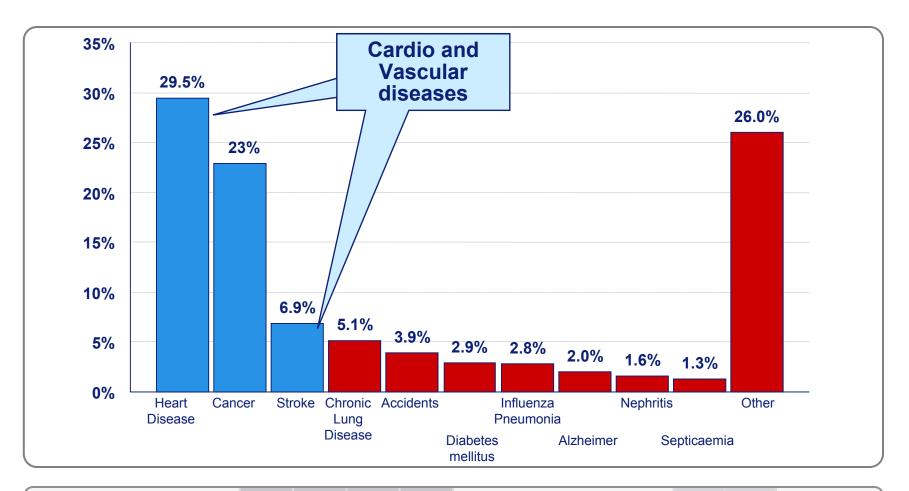
- Metro Health, Grand Rapids, Mi, has selected Xtenity
- Second half 2005 operational Enterprise IT practice in North America



Chart ©2004 by Capgemini U.S. LLC. All rights reserved.



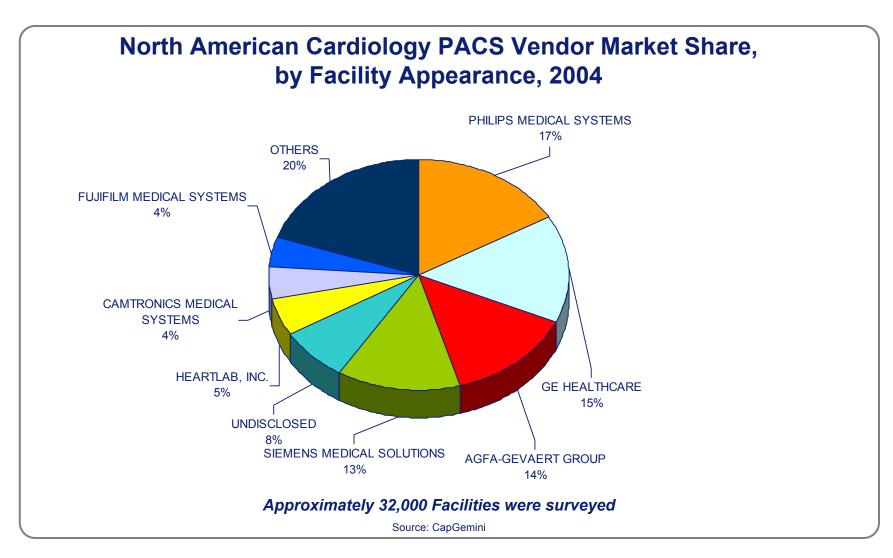
Relevance for Philips' focus on clinical segments

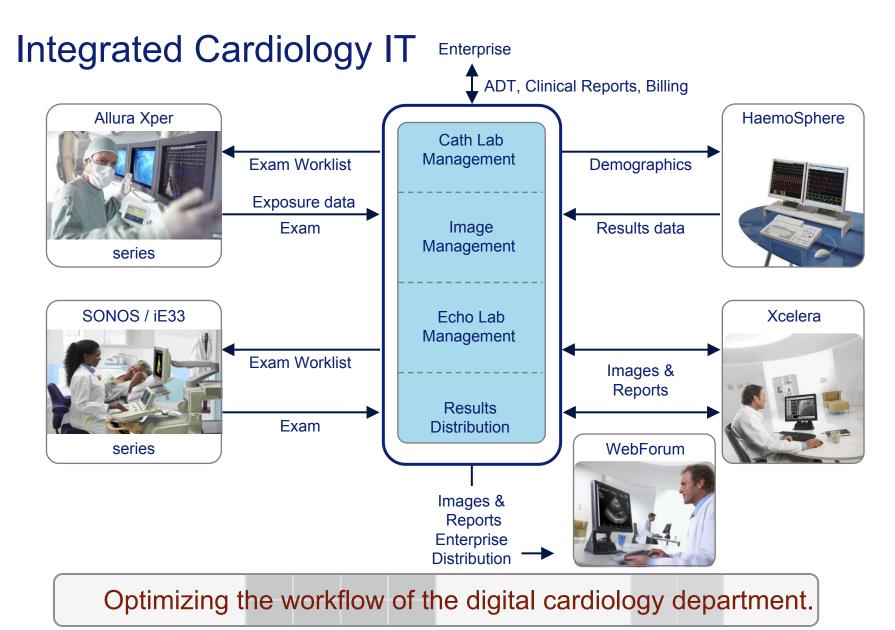


Cardio and Vascular Diseases and Cancer responsible for ~60% of US Deaths.

Source: CDC, National Vital Statistics, 2001 Philips Medical Systems

Philips position in the Cardiology PACS market





Xcelera Echo Lab Management

Integrated workflow is more than the sum of the components....



Xcelera Cath Lab Management

Integrated workflow is more than the sum of the components...



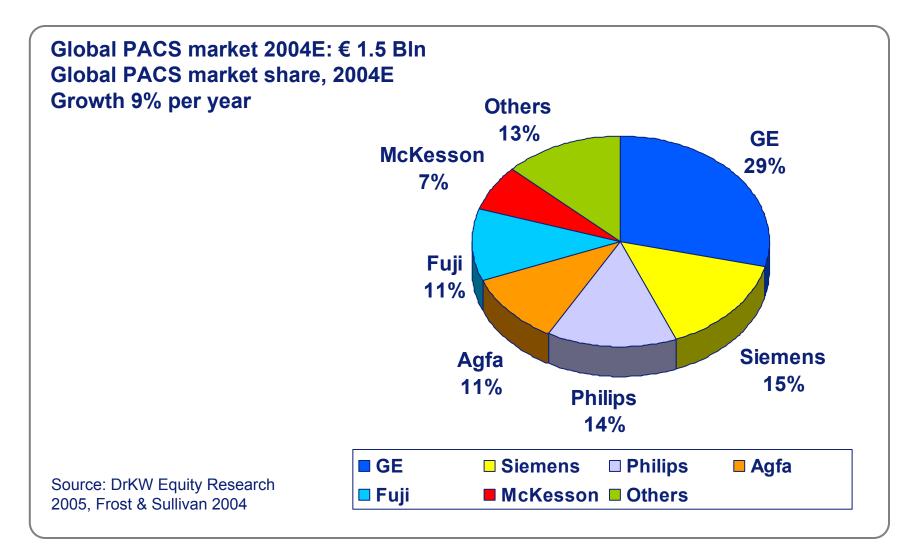
- Insert Xcelera image(s) from procedure for further quantification and processing
- Physician findings and conclusions can be added where required

V

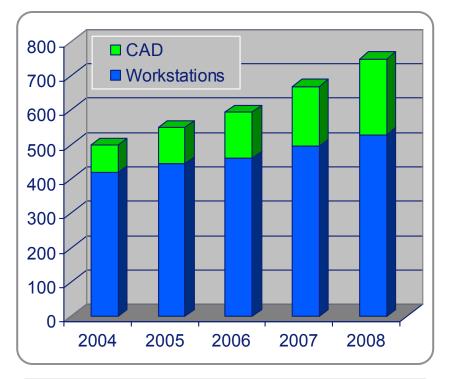
- Create management reports,
 - Supply usage, performed procedures
 - Analyze workload
 - Billing & inventory reports



Radiology and Cardiology PACS market



Clinical Image Processing Applications



Global Market (€ Mln.)

- 2004 Market: around € 500 Mln.
- Growing 11% during 2005-2008
- Philips market share ~ 10-15%

- Clinical image processing applications historically used close to the imaging equipment
- Multi modality applications requiring image fusion
- Trend to move applications
 towards PACS workstations
- Enlarged market: new applications
 for referring physicians
- Computer Aided Detection is a new class of applications:
 - Mammography: Breast Lesions
 - Lung Imaging: Nodules
 - Virtual Colonoscopy: Polyps

Legs osteotomy simulation

- Legs osteotomy: to change the orientation of the leg bones in such a way that the weightbearing axis and the joint lines return to 'normal' positions
- The application allows to measure bone angles, plan the intervention and simulate the result
- The application also brings the results directly to the report





		Osteotomy Pre-Surgical Evaluation Philips Orthopædic Applications	PHILIPS
Patient name:	Legs 5	Medical record number:	
Patient IU:	Legs 6	Reterning physician:	•
Sex:	U	Study:	LEGS
Uate of birth:	-	Study date:	771872002

<u>Analysis</u>:



Pre-surgical overview

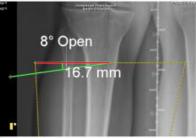
Hospital name, department Postal address Phone/ Fax number

- page 1/2 -

Pre-operative Planned result measurements measurements

	Il mea miem	OLL T	I mea miemerru			
Anglø (lideg.)	Rightleg	Leftleg	Rightieg	Leftleg		
DTE8	80	140	1.4	123		
BARMADO	83 (L)	1. 191	83 (L)	128		
BLADETS.	-	-	-	120		
Lengtii (Nmm)	Rigitieg	Leftleg	Rightieg	Leftleg		
WBA	1663	1.00	1669	(-)2		
DIA			22	128		
DES	903	-	903	20		

Planned o iteotom ; on the right leg vecage angle vecage pare length (h deg) (h mm) 3 (Open) 16.7 - -



Planned surgical approach



Patient name: Legs 5

Unrepistered Philips product Not for clinical use . Planned surgical outcome simulation



Unregistered Philips product Not for clinical use

Patient ID: Legs 6

Planned surgical overview



Hospital name, department Postal address Phone/ Fax number

Condusion:

- page 2/2 -

Philips Medical Systems

Healthcare IT: integrated, comprehensive and proven



Thank you for your attention!

