# PHILIPS sense and simplicity

# Patient Care and Clinical Informatics

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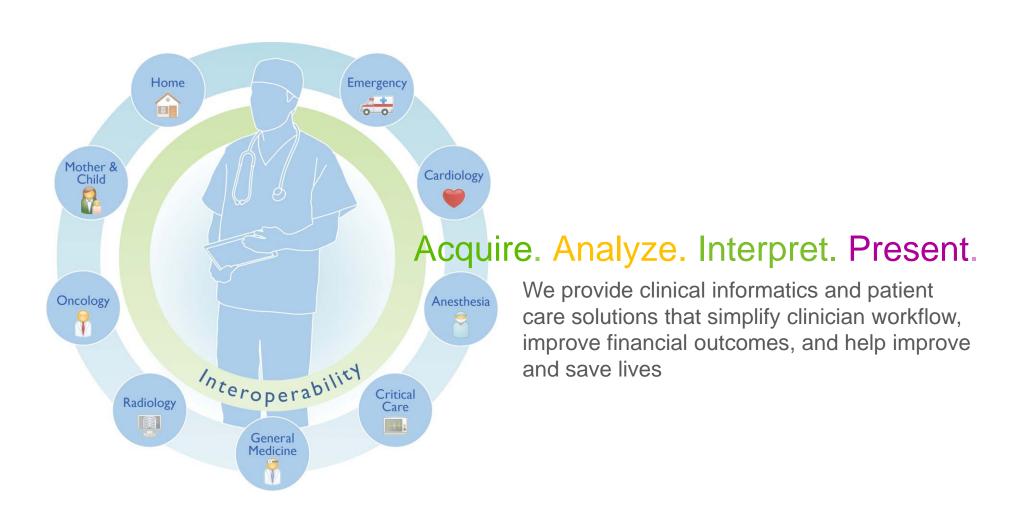
### Patient Care and Clinical Informatics focus

- Our strategy is consistent and working
- We continue to gain share and leadership
- We continue to grow profitability and increase value for Philips





# PCCI strategic intent



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## PCCI businesses



Measurements and monitors
Market size: €1.5B Growth: 6%



Patient monitoring systems and enterprise patient informatics

Market size: €1B Growth: 4%



Enterprise imaging and cardiology informatics
Market size: €2.5B Growth: 4%



Therapeutic care
Market size: €3B Growth: 4%



Specialty and emerging markets

Market size: €0.5B Growth: 7%



Mother and child care
Market size: € 1B Growth: 5%



# Market share and industry strength

Worldwide	Market position	Market share	
Patient Monitoring	#1	46% ↑	
Cardiology Informatics	#1	32% ↑	
Defibrillators	#1	29%	
Hospital Respiratory Care (Mechanical Ventilation)	#2	21% ↑	
Enterprise Imaging Informatics	#2	14% ↑	

May 2011	Healthcare Informatics Top 100
1 2 3	McKesson Dell Inc. CareFusion
4* ↑	Philips
5 6 7 8 9	Cerner Siemens Keane CSC Pulse Systems Cognizant

<sup>\*</sup> Improved from #10 in 2010

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## Patient care solutions are pervasive, wireless and connected



Wireless, wearable, mobile

New MX40 wearable monitor

New IntelliVue Guardian Solution

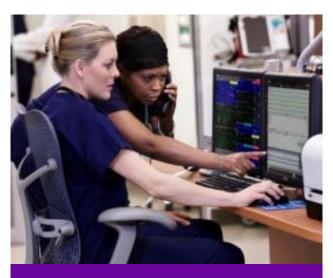
New HeartStart FR3 Automated

External Defibrillator (AED)



Monitoring everywhere

New and expanded IntelliVue portfolio New SureSigns VS4, VS2, VS2+ New Xper Flex Cardio System New XLR8 monitor/defibrillator New Goldway G10/20, G50/60, CTG7



Clinical decision support, information management

New PIIC iX
New CoolRepeat
New NM3 with VentAssist



### Clinical informatics solutions transform health care



Cross-modality, clinical enterprise workflow

New IntelliSpace Picture Archive and Communication System (PACS) 4.4

**New** Anywhere Viewer



Advanced clinical decision support applications

**New IntelliSpace Cardiovascular** 

New IntelliSpace Critical Care and Anesthesia

**New IntelliSpace Perinatal** 



Clinical transformation and consulting

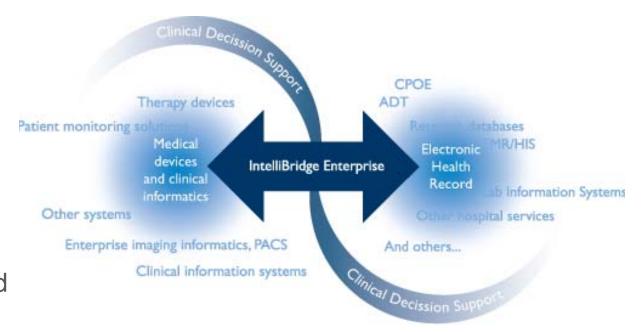
**New** IntelliSpace Event Management **New** eICU smart alerts and prompts



# Advancing interoperability and standards

One integration point for all hospital devices and systems

- New IntelliBridge Enterprise
- Devices and clinical systems interface to the Electronic Health Record
- Engineering team holds positions on over 20 industry standards committees





## Gaining share in key business/market combinations







India



**Brazil** 



**North America** 

# Patient Care

- #1 in patient monitoring
- Leader: 50% share, gained 7 share points
- Cleveland Clinic Abu Dhabi

#### #1 in patient monitoring

- Leader: 50% share, gained 6 share points
- Tamil Nadu Medical Services prestigious medical schools

#### #1 in patient monitoring

- Leader: 71% share, gained 2 share points
- Won €11+M Ministry of Education for anesthesia and ventilation

## #1 in patient monitoring

- Leader: 51% share, gained 0.5 share point
- West Virginia University

#### Clinical Informatics

## #1 for Radiology Informatics

- Strong, consistent growth since 2007
- Ministry of Heath, public sector leader in Saudi Arabia

## Cardiology Informatics 24% market share

- Launched local solution in 2011
- Organic growth EMR, radiology, cardiology,
- 2,500+ person, highly skilled team in Bangalore

### #1 in Clinical Informatics

- Major deal with DASA, global imaging center conglomerate
- Highly skilled 650person local team

## #1 in Cardiology Informatics

- Gained 2 share points in cardiology
- Gained 3 share points in radiology
- Miami Baptist, Fairview Health System, University of Rochester, Carolinas Health System

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# Winning in China

- Gained 12 market share points in patient monitoring since 2008
- Sold more high-end IntelliVue MX800 in China than any other market
- Broadened Goldway R&D to include defibrillators and global value solution monitoring platform
- Expanded Goldway value solution channel team
- Relocated diagnostic ECG business to Shanghai
- Established Shanghai-based, dedicated clinical informatics team
- Expanded clinical informatics channel team
- Increased in investment in resources in China: 2011: 75% growth









# Realizing hospital to home solutions

#### Coordinating care across traditional boundaries

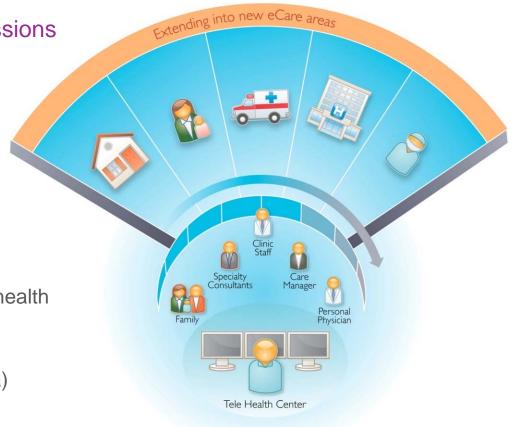
 Enabling a smaller pool of clinicians to care for a larger number of patients – across multiple care settings

Reducing length of stay and hospital readmissions through care coordination

- Empowering patients and their families to stay connected with each other and their health care team outside the clinical setting
- Adding value for Accountable Care Organizations (ACOs)

#### Phase I trial – Banner Health

- Reducing hospital readmissions with remote telehealth platform and monitored home
- Patient readmission rate: 3.8%\*
- National average (24.8% CHF, 18.4% pneumonia)
- Hospital @ Home Phase II planned expansion





# Innovating the personal healthbook

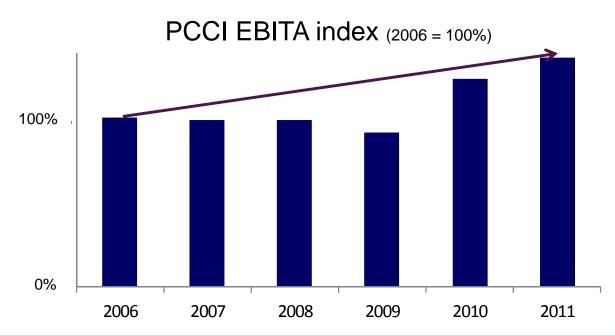
Helping patients connect with their care community and manage hospital discharge effectively

- Pilot: Patient discharge and usability study at First Health of the Carolinas
- Connecting patients and care givers to enable better care at home
- Enabling patients to seamlessly manage key clinical and therapeutic protocols
- Connecting to providers via telehealth solutions as needed, e.g., Lifeline and the elCU





# Acquired companies adding value



2006	2007	2008	2009	2010	2011
Stentor	XIMIS •	Visicu	Innercool •	Tecso	Dameca •
Witt Biomedical	Emergin	Goldway		Informatica	
Invivo monitors		TOMCAT •		CDP Medical	
		Respironics Hospital		Wheb Sistemas	
		Dixtal			
● Green = Met targets					



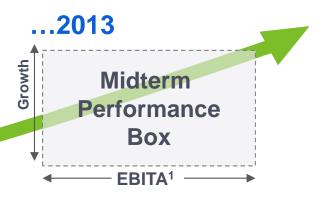
## Path to Value: Patient Care and Clinical Informatics

Value



# Building on track record of value creation

- Double-digit order intake and sales growth
- Highest margins in the industry
- Investing in R&D and introduced 40 new solutions
  - 10% increase in investment 2011
  - 10% increase in investment 2012
- Investing in growth geographies, adding resources
  - 50% increase in investment 2011
  - 200% increase in investment, 2012, China, clinical informatics, therapy devices



#### Accelerate! strategy

- Gain share and extend leadership positions
- Expand leadership in patient monitoring, clinical informatics, therapy; launching 38 new solutions
- Accelerate seamless interoperability
- Deliver return on investment in R&D and customer facing resources
- Deliver value from past acquisitions
- Invest in End2End IT landscape to better serve our software and solutions businesses



# Key takeaways

- We are the market leader, shaping industry direction
- We drive value through prolific new solutions development, market expansion, and End2End optimization
- We are driving profitable growth in new markets and new care areas



