

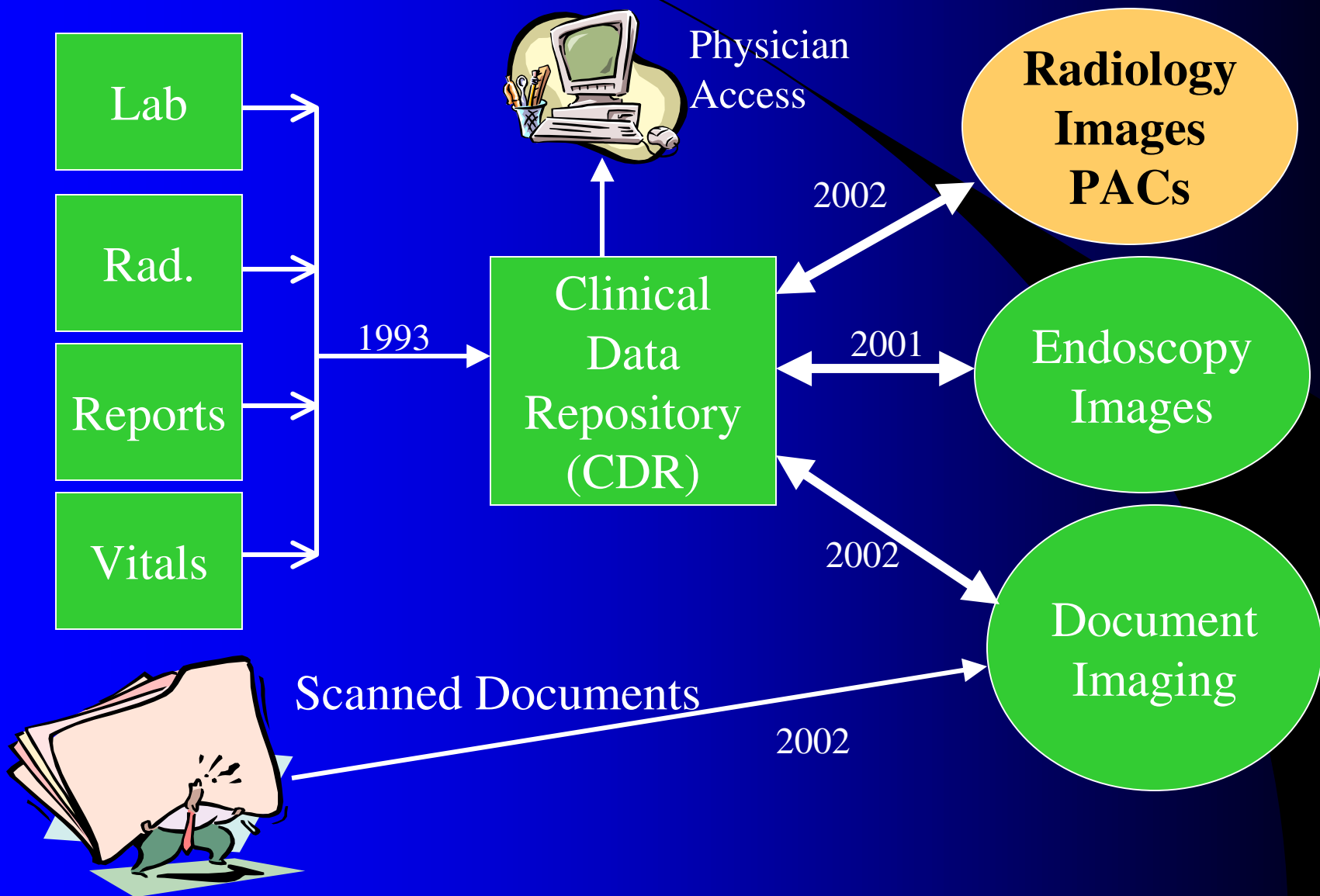
CentraCare Health System

PACs Implementation

Charles J. Dooley

CIO

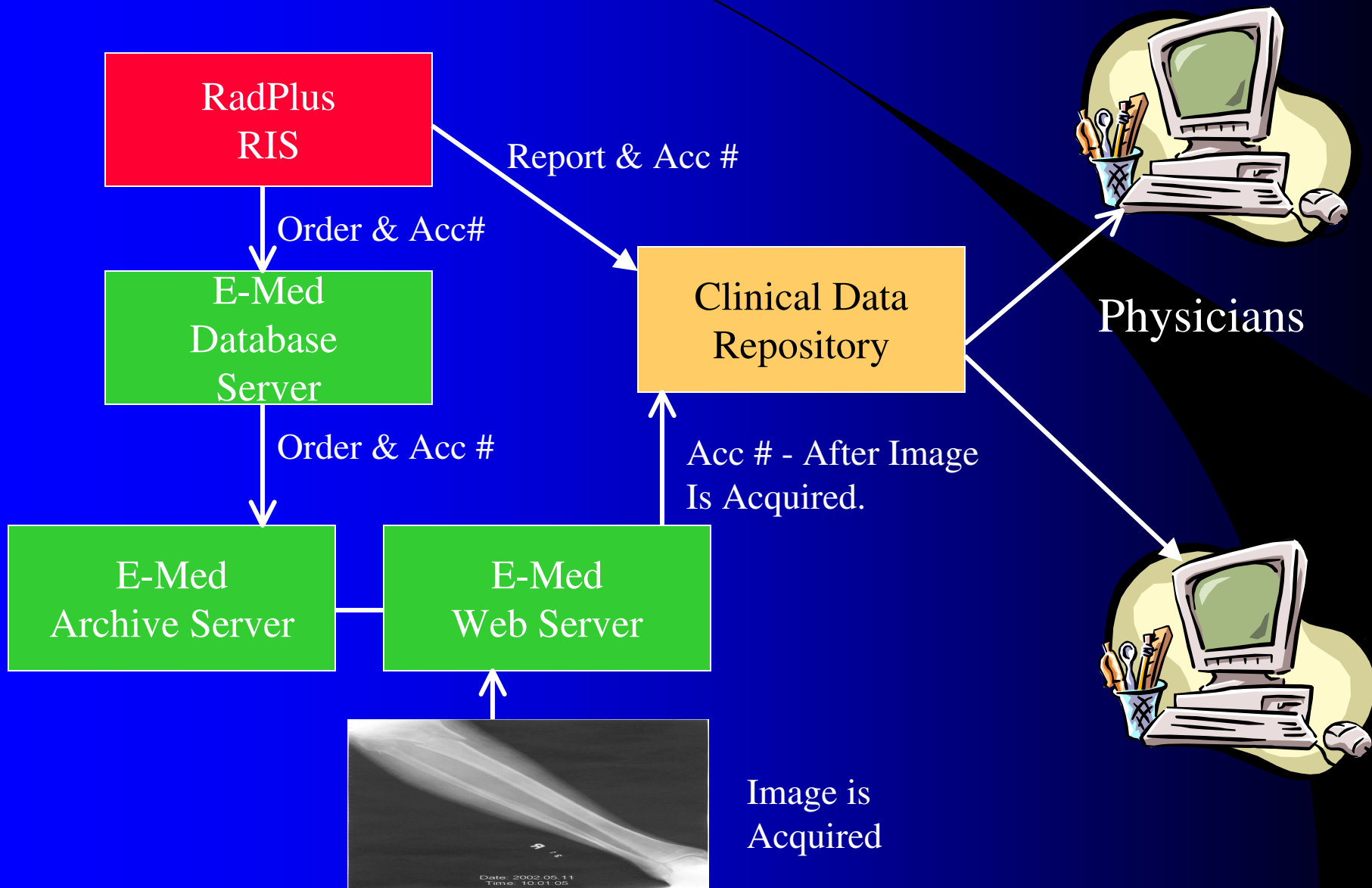
Electronic Medical Record Phase One



PACS Technology

- PACS Vendor – E-Med Technologies
 - Database Server
 - Archive Server
 - Workflow Server - Matrix
 - Web Server
- Radiology Information System
 - Cerner's - RadPlus
- Clinical Data Repository
 - Spacelabs' - CareWindows

E-Med to CDR Integration



Clinical Benefits

- Access to Images before Radiologist Interpretation.
- Access on any of 2,500 workstations
- Remote Access from:
 - Clinics
 - Physician Homes
 - Surgery Suites
- Radiologists Recruitment
 - Prior to PACs we were 3 Radiologists Short
 - Since Implementation we have added 5 Radiologists

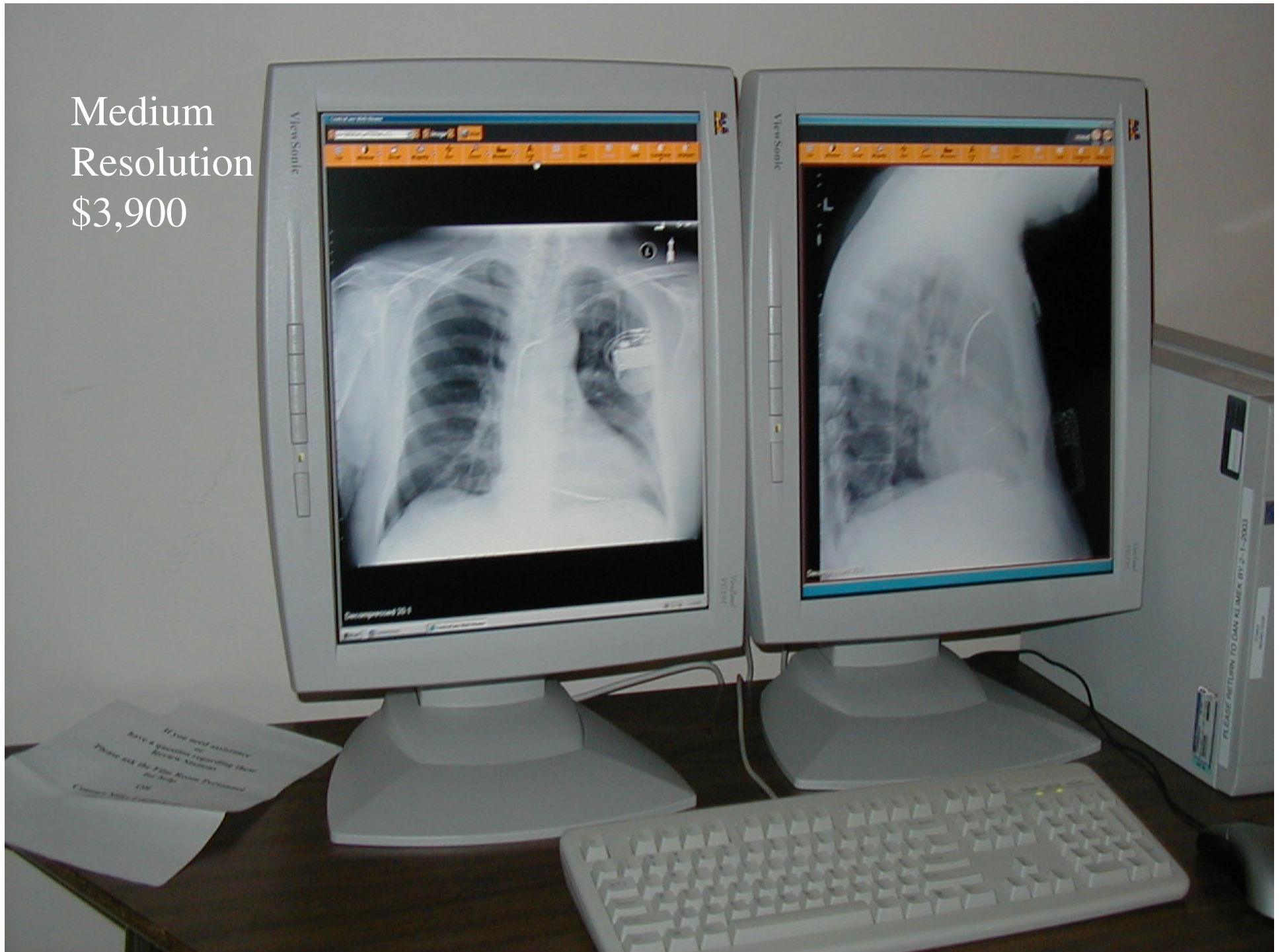
Annual Savings – ROI

- Staff Savings----- = \$410,716
 - Increased Productivity by 9%
 - Reduced 3 FTEs
- Film Savings----- = \$1,175,625
- Less Maintenance Exp. = (\$180,000)
- Total Savings----- = \$1,406,341
- Yrs to ROI----- = 2.4 Years

High Resolution \$35,000



Medium
Resolution
\$3,900



Comments from Dr. Bottini

From: Bottini, Anthony MD
Sent: Thursday, May 23, 2002 5:54 PM
To: Dooley, Chuck
Subject: Concerns that were identified by Dr. Bottini with the CDR/PACs integration.

Chuck,

Thanks for the e-mail. I did talk with Terry yesterday and mentioned these issues to him. **However, what I really wanted to tell him, and you, is how fantastic this system is. I did not know that this capability was in the works. You wouldn't believe what a difference this PAC integration with CDR has made in my practice. I have been demo'ing this to everyone who will sit still and watch (sorry).** I think the orthopedic surgeons are also quite impressed with this capability and expect that this will have a significant impact on practice efficiency and quality for many physicians here. This is really a coup for the CentraCare system.

You guys are to be congratulated on this development. This is the best new thing that I have seen here in four years.

Absolutely outstanding!

Tony Bottini