CARDIAC SCIENCE™ CONNECTS

The result? Better patient care.

CARDIAC science™

Pyramis®, our flagship HeartCentrix® data management solution for the hospital market, centralizes ECG, stress, and Holter reports for rapid access.

Rapid access means better workflows. Fewer steps. In short, less administrative work. Which means more patient throughput, better patient care, and a healthier bottom line.

You have an obvious need
While the software is powerful and complex, the *concept* behind Pyramis is obvious: When all your records get connected to your EMR, hospital information system, and other information systems, your work becomes so much easier. No more retyping orders. No more photocopying. No more searching for the hardcopy of the last ECG test in order to check progress. And once the physician over reads and approves the test, the file is sent automatically to the billing department.

That could be so much better than what you're doing now.
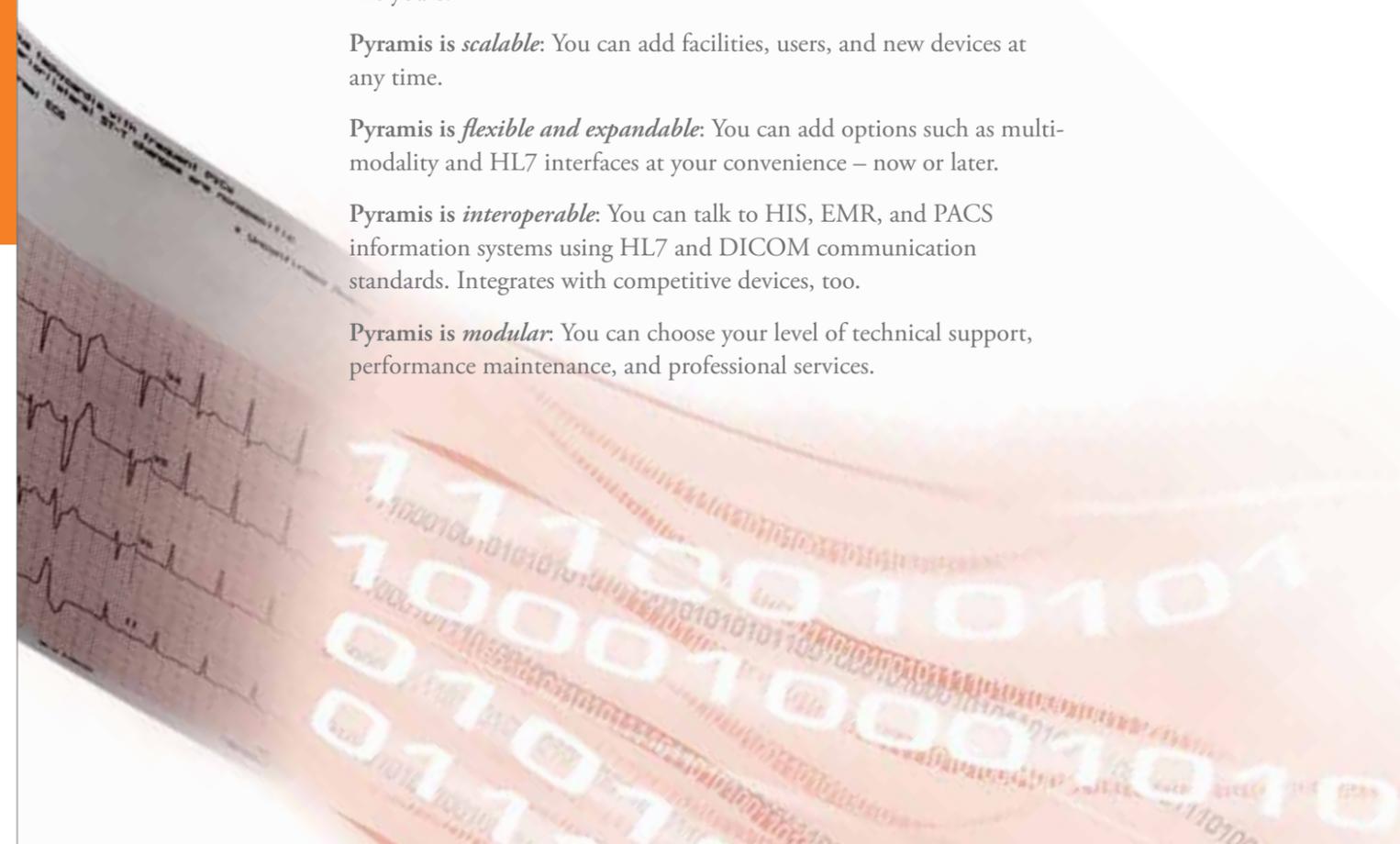
But why choose Pyramis?
Cardiac Science has more than 20 years of informatics knowledge and experience. We built and honed Pyramis – now in its fifth generation – based on the feedback from hundreds of installations in hospitals like yours.

Pyramis is *scalable*: You can add facilities, users, and new devices at any time.

Pyramis is *flexible and expandable*: You can add options such as multi-modality and HL7 interfaces at your convenience – now or later.

Pyramis is *interoperable*: You can talk to HIS, EMR, and PACS information systems using HL7 and DICOM communication standards. Integrates with competitive devices, too.

Pyramis is *modular*: You can choose your level of technical support, performance maintenance, and professional services.

P Y R A M I

ORDERS

HL7 orders ▲

HL7 ADT ▲

+ Pyramis follows a patient from admission to discharge (HL7 interface required). It automatically updates an order when a patient moves from outpatient to inpatient. So you won't lose the order, the test won't be delayed, and you'll streamline your work.

+ Pyramis can route a test report to follow the patient anywhere in the hospital – from admission to transfer to discharge.

+ Pyramis uploads order demographics straight into your diagnostic devices. That means no retyping (faster), no typos (errors), no wait time (better care, more satisfied patients).

+ Pyramis eliminates a common aggravation: tossing tests you can't match with a patient record, which can delay patient treatment, or worse.

TESTS

ECG ▲▼

Stress ▲▼

Holter ▲

Competitive devices ▲

+ Pyramis has bi-directional communications with most Quinton and Burdick ECG and stress equipment. Upload demographics, download results. Easy, accurate, and fast.

+ Pyramis operates with the diagnostic devices you have right now. It is an open architecture solution. And we're adding new diagnostic devices all the time.

+ Pyramis takes the 12-lead reports captured by EMS used to expedite 'door to need' for fast tracking STEMI patients and securely stores them in the patient's record.

+ Pyramis reconciles tests and orders. It's another safeguard against lost revenue stemming from patient identification problems.

REVIEWS

Pyramis workstation ▲▼

Clinical workstation ▲▼

+ Pyramis is everywhere you have a Windows-based system and a secured Internet connection. Physicians can over read, make notations, and confirm tests from any PC at any place – the office, home, mobile device, or hospital – and at any time, 24/7.

+ Pyramis makes hunting down patient reports a thing of the past. Everything's electronic and available – just call up older test results and compare on screen.

+ Pyramis lets you use the patient's enterprise identification number (EIN) to access patient records across multiple facilities.

+ Pyramis is instant. Review, edit, and approve reports without transcription, printouts, and piles of paper to get through later.

REPORT

+ Pyramis can who needs it physician, an hard-to-read

+ Pyramis stor and printers any of this in can build thi

"A patient returned his Holter monitor to our critical access hospital and the staff downloaded the data into Pyramis right away. At Winchester Medical Center nearly 35 miles away, we were able to view the data and detect a significant abnormality before the patient was discharged. We had the patient transferred to Winchester immediately and implanted a pacemaker within hours, very likely saving the patient's life. This is the value of advanced connectivity."

Cindy Guerin, *Cardiovascular System Administrator
Valley Health*

"The cardiologists were very excited to have Pyramis installed, and they ran with the ne patient care was palpable. The staff was ecstatic to leave the typing behind; it was so c procedures and tests. They actually spend more time administering stress tests, which r

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▼

email ▼

Fax ▼

Print ▼

Auto fax ▼

PACS ▼

HL7 reports ▼

HL7 billing ▼

send test results automatically to everyone – the ordering physician, the referring d anyone else you designate. No more faxes.

es your e-mail address book, fax numbers, on your server. You won't have to type in . A member of our implementation team s list for you.

▲▼ = Bi-directional

+ Pyramis provides diagnostic-quality reports to forward to your EMR and hospital information systems. No more scanning. No more distorted images.

+ Pyramis reports are customized for you by our clinical application specialists.

+ Pyramis can send stress, ECG, and Holter reports to PACS systems (Web integration required). Physicians reviewing images and ECGs in the same system make for faster and better diagnoses.

+ Pyramis sends completed reports automatically to the billing departments (billing interface required). Gone are lost or misfiled reports, which can lead to lost revenue for the hospital. Plus, you can automatically bill the technical fee at the time of testing and the professional fee once the test is over read.

w system right away. Freed from the manual process, the effect on staff morale and
umbersome! And our cardiologists had more time to focus on patients and other
makes the whole department more efficient.

Jacqueline Carroll, *MS RN, FNP-C*
Clinical Manager, Cardiology
Anna Jaques Hospital

Professional Services from Cardiac Science

When you choose a Pyramis data management solution for your hospital, what should you expect?

For starters, you should expect a Cardiac Science project manager backed with the full resources of the company. The project manager, along with our implementation and application specialists, works with your IT and clinical staff on the implementation and training your team.

Together we'll partner on a 'go-live' date – and we'll actually hit it! We've seen it all; we build in contingencies and deliver what we say we'll deliver. You can count on it.

One size does not fit all
With Pyramis, you get exactly what you need. We realize that the right 100-bed hospital solution is different than the right 1,000-bed hospital solution. (And we set our pricing accordingly.) Besides, since our solution is scalable, flexible, and expandable, you can always add more later, should you have the need.

Another thing you can count on: Training, customer care, and technical support. Hospitals large and small can expect the same level of care. Which is to say, "our very best."

Training that works
We're proud to say it: Our application specialists are some of the best in the industry.

Our trainers do not have canned presentations and learning sessions. They develop programs that make sense for each member of the audience: Cardiologists typically have different questions than the IT staff, for example. Our team considers:

- Who will the super users be? What will their most frequent tasks be?
- Who needs detailed training versus an overview? How many days do you have to devote to orientation?
- What shifts need training? We can be there at any hour of the day – we cover all shifts.

A final note about Professional Services
As we said earlier, we've been in the connectivity business for more than 20 years. But we've been in the *cardiology* business for almost a century and, specifically, in the hospital setting since 1955. We completely understand your challenges and opportunities and we're ready with solutions that make sense for you.

Let our passion for connected cardiology work for you.

If handling an ECG took only **4** steps, how many more patients could you see?

I get an ECG order.	The order is already in the system.
I print it out.	I run the test.
I type it in.	You over read and hit "send."
I run the test.	It goes into the chart and to Billing (automatically).
I print two copies.	
I put one in the patient chart.	**…And we see three more patients.**
I send one to Cardiology.	
Cardiology finds the old report.	
Cardiology matches the two.	
Cardiology puts both in your inbox.	
You over read it.	
I have the notes transcribed.	
I print them out.	
I send them back to you.	
You approve them.	
I photocopy them twice.	
I put one in the patient chart.	
I send one to Billing.	

Adding Pyramis could seriously improve your patient care, throughput, workflow, and bottom line.

Annual Service Agreements

We "go live" on time. "When it comes to connectivity, software is half the story. Customers appreciate our seasoned project managers, implementation specialists, and trainers who consistently meet 'go-live' commitment dates. We make it easy. We deliver."

Paul Kamps, VP
Customer Care, Cardiac Science Corp.

With Pyramis, you can expect maximum productivity and minimal downtime. A one-year warranty is included with your purchase; but 92 percent of our customers protect their Pyramis investment with an annual service agreement.

A Cardiac Science service agreement locks in your costs for all maintenance (planned or unplanned), software upgrades, Cardiac Science travel time, per diem expenses, and implementation services for a whole year. Depending on the level of service you choose, Cardiac Science is ready to give you:

24/7 technical support. You'll have priority access to our live technical support team around the clock. Includes remote system access so we can immediately diagnose the system from our office.

Software upgrades. New software features and updates – and any on-site labor needed to install them – free with your service agreement.

Performance maintenance. We (virtually) look over your shoulder at all times, monitoring system performance and diagnosing issues before they become problems. We recommend workflow efficiencies based on your actual usage patterns. It's like having a full-time Cardiac Science application specialist on your staff for a fraction of the cost.

Professional Services. For fully stretched IT departments, our most comprehensive solution includes a project manager to manage through the "ripple effect" of software remapping, new applications, evolving user interface needs, and other HL7-development needs. This keeps Pyramis in sync with the inevitable changes that happen throughout the enterprise.