



The power of centralized computing at your fingertips

Philips Pinnacle³ Professional

Designed for the mid-size center, an affordable, reliable server-class system that provides access from virtually any location, scalable to grow with your needs.

Key advantages

- Up to 30% faster than the 810X platform
- Floating licenses allows a Pinnacle³ user to have unlimited number of access points
- Now access Pinnacle³ from your Mac*

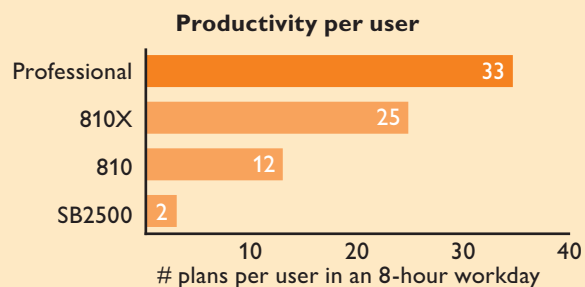
PHILIPS
sense and simplicity

Pinnacle³ Professional highlights

Accuracy, flexibility, and productivity

Professional is a fast, flexible, and scalable platform to support the Pinnacle³ application for small to mid-size clinics who have up to three LINACs. The server-based system offers reliability and the scalability to grow with the customer. Centralized processing offers all users the power of the professional server. Running on a Professional platform, Pinnacle³ facilitates the accuracy, flexibility, and productivity you have come to know from Philips.

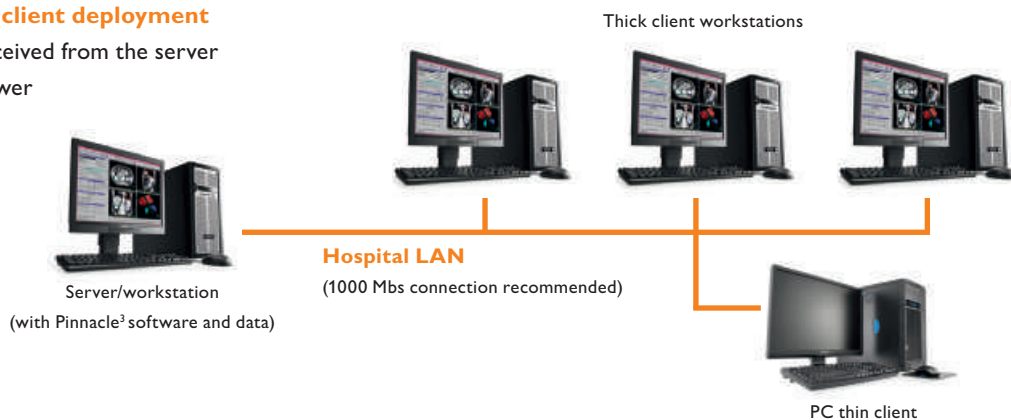
Speed comparison



Based on a Nasopharynx 2-arc SmartArc plan with one active workspace. Professional can support increased capacity with multiple concurrent users.

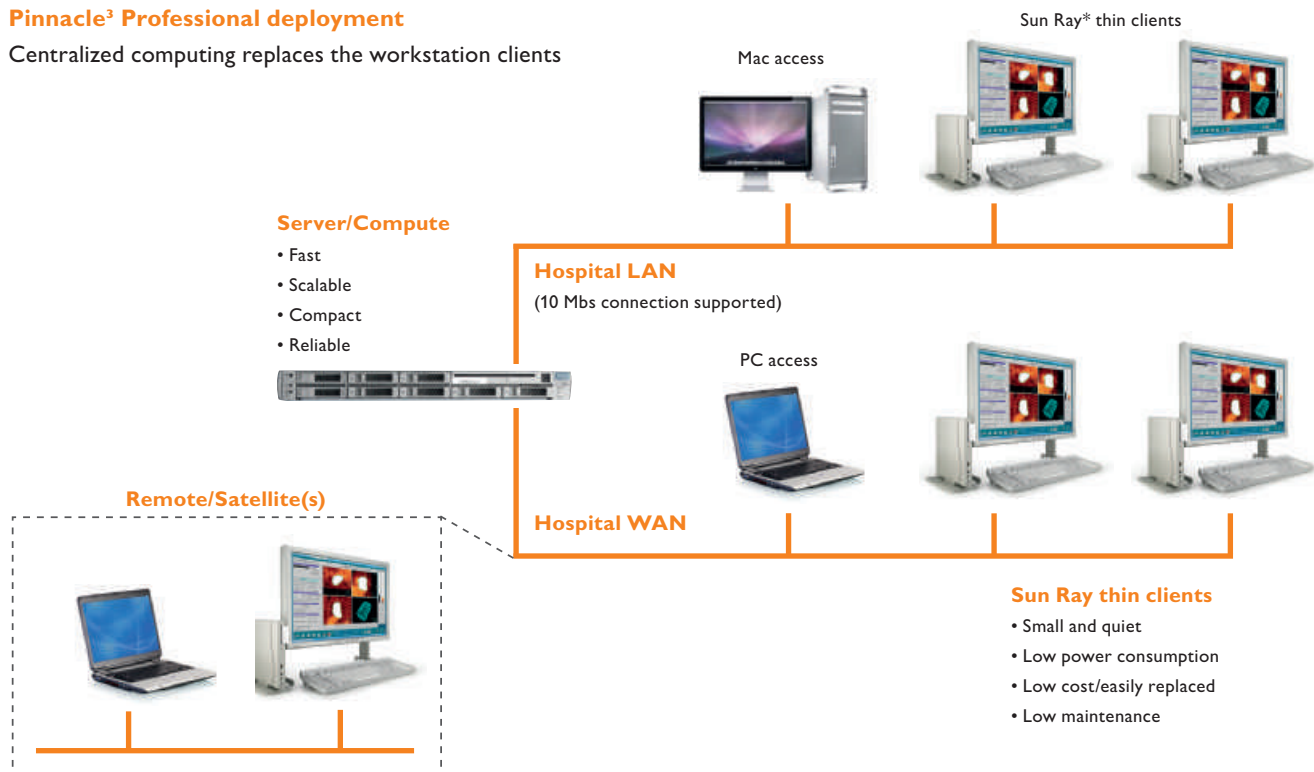
Traditional server – thick client deployment

Thick clients process data received from the server using local RAM and CPU power



Pinnacle³ Professional deployment

Centralized computing replaces the workstation clients



Pinnacle³ Professional delivers

Technologies to improve department productivity

- The power of centralized computing
- Managing thin clients is easy, takes less time
- Software and hardware reliability means increased Pinnacle³ uptime
- 24 cores increases the benefit of the Pinnacle³ multi-threaded processing capability
- Eliminates the need to transfer data from server to thin client for planning – up to 2 TB on board storage
- Fast plan completion with Solaris operating system



Customers can experience the power of centralized computing from any access point in their facility.



Professional thin client access point with SmartCard

Expanded access through concurrent licenses

- Each thin client appliance has its own IP address and is licensed only to display Pinnacle³
- Users only purchase the number of software licenses necessary to cover expected simultaneous usage, rather than a single license per thin client appliance

Fast and reliable access from remote sites

- Utilizes a central database on a single Pinnacle³ server
- Access from your PC or Mac from your home or anywhere a network connection exists
- Low bandwidth network requirements helps facilitate robust connectivity during sessions
- Designed to support multi-facility collaboration

Reduced lifecycle operational costs

- Leverages existing PC and Mac computers as a client access point
- Thin clients have virtually no maintenance requirements
- Thin clients only consume 14 watts per hour of electrical power
- Management of entire Pinnacle³ network from one server

Portable sessions with hot-desking

- The user's session will follow the user, allowing access to resume their own personal Pinnacle³ session across any client access point
- Only the user's session ID is stored on the SmartCard, protecting patient information



Professional hardware server

Compare Pinnacle³ Professional

Feature	Benefit
Shared centralized resources and processing for all thin clients, virtual PCs, and Macs	Everyone gets the power of the server
Hot-desking/session mobility and SmartCards	The user's session will follow the user allowing instant access
Sun Ray thin client desktop units	Affordable; easy to maintain; secure; with low power consumption
Virtual Client Connection software	Leverage existing PCs and Macs already in use
Solid state servers and Sun Ray DTUs	Increases Pinnacle application uptime and reduces system maintenance

Innovative financing solutions

Discover the advantages of working with a financial provider who understands your business and your industry. At Philips Medical Capital, we're interested in understanding your goals and how we can help you get there.

Remote Services

We also offer Philips Remote Services and monitoring, which help reduce disruptions and keep your workflow on track.

Philips Healthcare education

Our comprehensive clinical, technical, and continuing education programs are designed to make it easy for your staff to learn difficult topics and advance their personal development and performance.

- Get more flexibility and choice in taking continuing education courses on new medical imaging and therapy planning technologies
- Learn dedicated skills from leading practitioners in our peer-to-peer courses
- Learn to work more effectively thanks to our team-oriented teaching models
- Choose from over 650 accredited courses in one of the world's largest clinical online course catalogs
- Participate in courses with confidence since they are supported by the industry's leading academic institutions and accreditation bodies and are affordably priced

IMRT/DMPO	SB2500	810	810X	Professional
1-beam tonsil	5:49	1:34	1:04	0:56
6-beam nasopharynx	11:22	2:41	1:52	1:27

SmartArc	SB2500	810	810X	Professional
1-arc prostate	29:45	20:37	12:33	9:11
2-arc prostate	38:16	42:06	22:38	17:51
1-arc nasopharynx	1:24:35	17:53	8:49	6:28
2-arc nasopharynx	3:19:43	40:31	19:31	14:29
1-arc thyroid	1:12:10	10:03	6:02	4:31
2-arc thyroid	2:15:49	20:24	11:51	8:51

Optimization and final dose computation times comparison (h:m:ss)

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