

GALILEOS SITE SURVEY FORM

To make sure that your planned installation of the Sirona GALILEOS system **progresses** as **smoothly** as possible with no delays, we ask you to fill out the following pages as thorough as possible. We ask to have the survey **2 weeks** prior to the requested install date. This will allow us time to address any concerns that arise after review and to schedule a technician to be onsite, if needed.

Please have your IT specialist contact us with the computer specifications or questions. We also require your IT person to be available **“on-site”** the day of **software installation/networking**.

Please submit this filled out survey to the GALILEOS support team by E-mail: GALILEOS.supportUS@sirona.com or fax [888- 297 -8631](tel:888-297-8631)

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This survey was completed by _____ date _____

1. General Information (can be used for the shielding survey application)

Customer information:	Vendor information
Facility or business name:	Dental Dealer:
Doctors name:	City: State:
Street address:	Vendor Contact Name:
City: Zip:	Phone Number:
State:	E-mail:
Phone number:	
E-mail address:	Diagnostic Imaging Unit Information:
Office Fax Number:	Manufacturer: Sirona Dental Systems
	Name/Type: GALILEOS 3D for Dental use.
	85 kV; max: 7mA; max: 42 mAs/exposure
Mailing address if different than facility:	Installation Type:
	<input type="checkbox"/> New install
	<input type="checkbox"/> Replacement
Contact name in office:	Sirona Sales Representative:
IT Contact: Name:	Projected installation date:
Phone Number:	
E-Mail:	

2. Shielding & Radiation Survey

We strongly advise that you to become familiar with state regulations outlining your responsibilities for radiation protection and safety by consulting your state department of public health, **bureau of radiation protection/dental section**.

Sirona Dental Systems highly recommends a Shielding Plan Survey to be performed by a radiation physicist. Sirona has used Pro Physics in past Galileos installations. If a shielding plan or radiation survey is required in your state or you would like to have one performed, please contact Pro Physics directly.

ProPhysics Innovations, Inc.

400 Dominion Drive, Suite 109
Morrisville, NC 27560

Tool Free (800) 835-3615 • Phone: (919) 465-2545 • Fax: (919) 465-2544

admin@prophysics.com

3. Mechanical Specifications:

Mounting options:

1. Standard mount: unit will be bolted to the floor with 1 wall bracket.

The wall needs to be reinforced to hold 160 pounds on each of the two wall screws in a height of 76 3/4 " from floor 16 1/2" wide, incorporated during construction of wall or use a wooden board over multiple studs. There are no specific requirements for the floor screws.

Note: If your wall is already reinforced for an existing pan, make sure that the location of the reinforcement fits the new location.

2. Mount with 2 wall brackets: If **no** floor bolts can be used, a second wall bracket can be purchased and mounted at a specific height from floor of 15 7/8" to assure unit stability. (as described in the standard mount instructions)

* Second wall bracket must be ordered from Sirona.

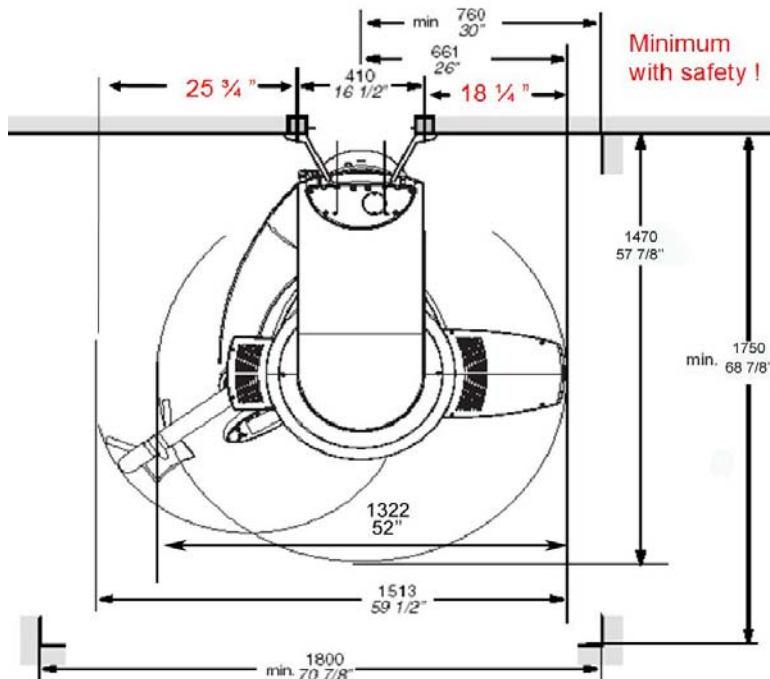
Part # 5986216 or # 6216191 for serial number 3101 or higher.

3. Floor mounted stand: If a floor mounted stand is desired, it is required to use the longer wall bracket to reduce any vibrations: 78" height from floor. No specific strength/weight requirements. * Order longer bracket #5986216 for serial number 3101 or higher.

The office will use option

Reinforcement of the wall has to be finished before the installation day!

4. Unit Dimensions:



***WALL BRACKETS DISTANCE FROM WALL: 120mm (4.73") serial number 3101 and higher or 175mm (6.89") prior. This drawing reflects the shorter bracket.**

The maximum travel height of the unit is 88 3/4"(1815) to top of unit; 71 1/2" to bite block.

The minimum travel height of the unit is 34" (around 805) at the bottom of the Image

5. Electrical Specifications:

GALILEOS Requires:

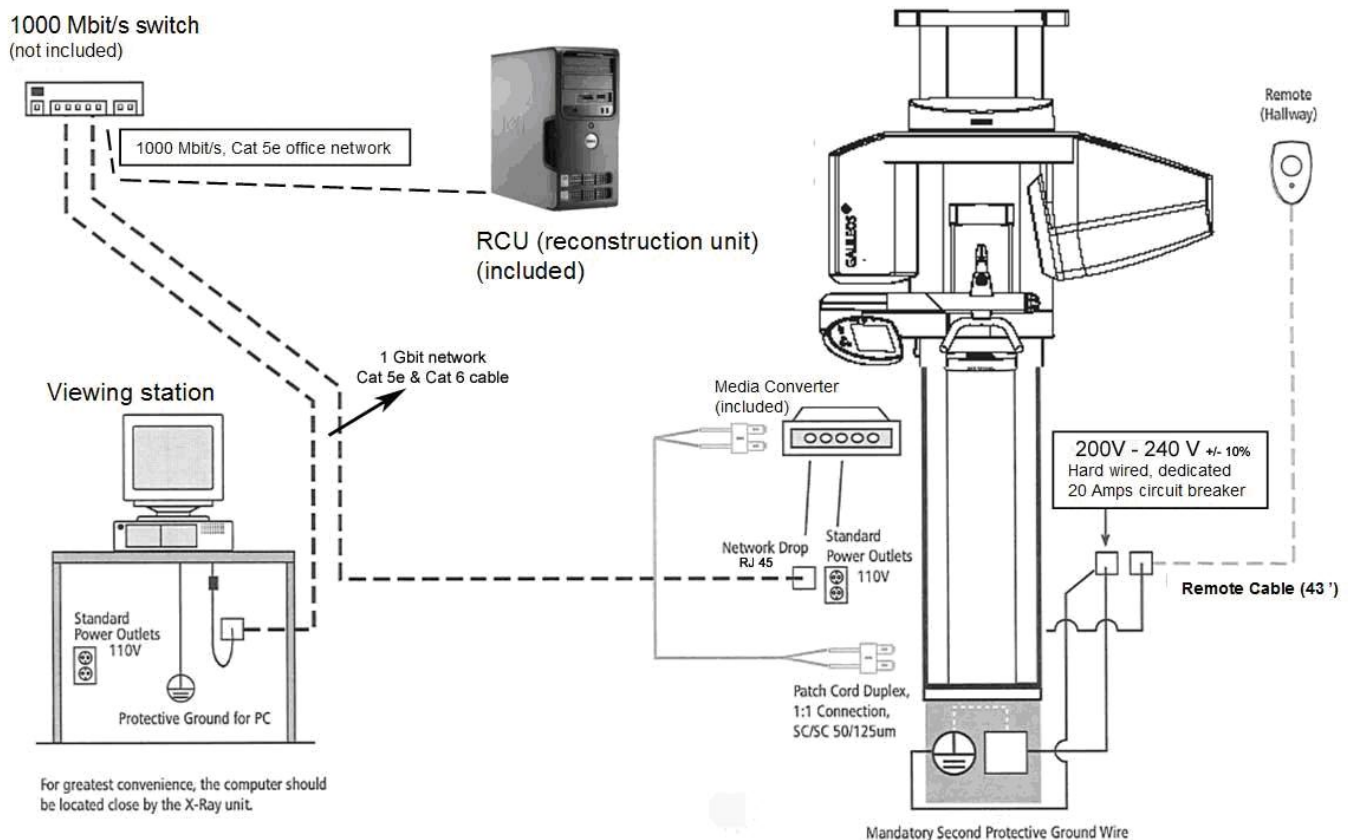
220 V, 20 Amp dedicated circuit, (2 live, 1 ground wire) hardwired power supply is needed for the unit. The power supply must be installed before the installation day. For esthetic reasons the power supply should be located behind the Column.

220V Power is available already

Media Converter Requires:

A standard 110 V outlet is required if the media converter is located at the unit. If the Media Converter is used at the unit, the installation will look best when mounted behind the Column.

110V Power outlet is available



Standard Configuration with media converter at unit. RECO PC can be connected anywhere in the network.

6. Network Specifications:

All network components that will be involved in 3D imaging **are** required to be working at **1Gbit/sec**.
No wireless networks are supported at this time!

- Switch: 1Gbit switch (10/ 100/ 1000Mbit)
- Network Cables: Cat 5e,6 or higher
- Network Cards: 1Gbit
- Internet Access: High Speed Cable/DSL or better for WebEx Support

The GALILEOS will come with a **Media Converter** and a **RCU***, each require their own network drop and open port on the network switch.

*Sirona will deliver one RCU (RCU =**Re**Construction **U**nit PC) that does the calculation of the images. The RCU is not a user or capture or workstation and will come w/o monitor.

Your IT-Specialist/Administrator must be "on site" for the software installation.
The network must be up and running the day before the GALILEOS is installed.

7. Server Requirements:

Sidexis software requires a computer that will host the Microsoft SQL 2005 EXPRESS server (included on Sidexis XG CD).

Hardware:

- Processor: Pentium Dual Core, 2 GHz Speed or better
- RAM: 2 GB RAM or higher
- Graphic card: 32MB or higher
- Network Card: 1GB Network Card

Software: (for SQL Server 2005 Express, not Sidexis)

Windows server system (32bit only) (2000, 2003, SBS w/ latest service pack installed,
No Windows 2008!)

Windows XP Pro SP2 or higher (32bit only)

Windows VISTA Home Premium, Business, Ultimate SP1 (32bit only)

Note: A server with older or less processing power may cause performance related issues during the accessing/ loading/ saving images.

We have an Existing SQL 2000/2005 server and want to add Sidexis database.....

Do you have a previous version SIDEXIS installed, which needs to updated YES NO

- **If YES, what is the Version:**_____

8. Storage Recommendations:

The Storage of the 3D image requires a certain amount of hard drive space (on server or network storage device (NAS)) that will depend on;

- (a) the number of scans taken,
- (b) type of data stored (other X-ray devices and applications)
- (c) how long you want/ can to use, your current storage solution.

continue next page...

...continuation of Storage Recommendations

The storage requirements will be about 250MB per image if you store only the final 3D Volume and some views. If all data is saved, including the RAW data, plan for approx. 450MByte per image.

Note: NAS devices are a good and inexpensive way to extend storage but we have noticed some limitations or no functionality with some devices. Because of the big variance in these devices, it is not possible for SIRONA to recommend any particular brand or model over the other. ESATA drives have proven to be another cost effective solution.

We highly recommend using a RAID system to protect you from data loss due to hardware failure.

Example of calculation for recommend storage:

Images per year:	Store only final volume	Store all data
200	40 GB/year	88 GB/year
500	90 GB/year	220 GB/year
1000	180 GB/year	440 GB/year

How many scan will be taken?: _____ How much storage available?: _____

9. Backup System:

To protect your data, a reliable Backup solution is recommended. This should be in accordance to your expected data volume.

Note: RAID is NOT a replacement for a backup system as it will not protect your data from fire, water, electrical storm.

Sirona cannot be held responsible for any loss of data, regardless of reason!

A Backup System is in place: YES NO

10. 3D Workstation Requirements:

Hardware:

- Processor: Pentium Dual Core, 2 GHz Speed or better
- RAM: 1 GB RAM or higher
- Graphic card: 256MB or higher (memory on graphic card only/ no shared memory)
- Network Card: 1GB Network Card

Software:

- Windows XP Pro Service Pack 2 or higher (32bit only)
- Microsoft Vista Home Premium, Business SP 1 and higher (32bit only)
- *The listed Microsoft Operation System are the only systems tested and approved with Sidexis.

Additional Hardware:

- CD ROM R/W Drive to burn DICOM RM and Wrap& Go CD's.
- No special CD writing software is required or needs to be purchased.

How many 3D workstations do you currently have?:.....Are you adding station?:.....

We will not install Software on non-compliant computers!

11. RCU (ReConstruction Unit):

The GALILEOS comes with an additional computer (RCU), which handles only the reconstruction of the 3D volume. The RCU is not a capture or workstation! We recommend a **safe** place i.e.: server room. The RCU comes w/o a monitor and will be accessed via Windows remote access.

I understand the purpose of RCU

YES NO

12. Interface to Other Systems:

Brief Description	YES	NO
We are using a Practice Management System from; _____		
We want to export images in DICOM format to other implant planning systems		
What Implant planning system do you import to: _____	-----	-----
We want to use a laptop to take images and work with them at home		
We want to remotely access the images		
We want to export images to a PACS environment using DICOM Worklist/Storage (This application requires the purchase of DICOM Software Cat. No. 62 01 136)		
We are connecting (2) two or more offices through a WAN		
We are using Terminal Server or Citrix in the office - This application is NOT Currently supported		

13. Notes or Comments:
