

Stratys™ System Installation Networking and IT Checklist

A Stratys™ site preparation call will be planned by your Bionano support team, allowing us to help you complete this checklist. Once complete, please send this document back by email.

Company Name	Company name	Date	Date
Instrument Location (laboratory / service)	Detailed instrument location	System Setup	Stratys
			Compute solution
			Sales type

Customer Point of Contact

Project Leader	Name	Phone	Number	Email	Email
IT / Network	Name	Phone	Number	Email	Email

Bionano Points of Contact - Always include **support@bionano.com** in any existing or new conversations.

FSE	Name	Phone	Number	Email	Email
GDS	Name	Phone	Number	Email	Email

Infrastructure and Networking Configuration

Stratys Instrument Controller

The Stratys Instrument Controller will run in kiosk mode where the user may only interface with the Stratys Instrument Control Software (ICS). All required features including computer administration (network configuration and system clock settings) are provided within the Stratys ICS. Bionano's policy is to not provide access to the underlying operating system to ensure the performance and security of the system are not inadvertently affected. See Data Security Guidelines (CG-30292) for more information on the Instrument Controller's configuration.

1.	Has the Firewall been configured to allow the following services? - see the Stratys™ Site Preparation Guide (CG-00056).		
a.	TeamViewer utilized <i>NOTE: Customer activated. Control integrated within ICS kiosk mode.</i>	☐ Yes ☐ No	Comments
b.	Bionano Assure®	☐ Yes ☐ No	Comments
c.	Windows Update Service	☐ Yes ☐ No	Comments
2.	Will you require a proxy server to be configured?	☐ Yes ☐ No	Comments
3.	Optional: If not utilizing DHCP, please provide networking parameters IP. Address, Gateway, Netmask, DSN servers.		Comments

Bionano Access® Server

The Bionano Access Server (BAS) will host the Access software and data generated by the Stratys instrument and the compute solution.

- A direct link between the Instrument Controller and the BAS is required for data cohort transfer purposes.
- A static IP is required for users to access the software from their workstation and via their web browser.

Users will not have access to the shell of the server. Bionano's policy is to not provide access to the underlying operating system to ensure the performance and security of the system are not inadvertently affected. Request for deviation from this policy may be indicated in the Change Request section below.

4.	Please provide the following assigned address and DNS settings.	Static IP	IP address
	Subnet mask	Gateway	Gateway
	DNS 1	DNS 2	DNS 2
5.	Has the Firewall been configured to allow the following services?		
a.	Remote access for Bionano Support personnel <i>Required for system updates and assistance with data analysis</i>	☐ Yes ☐ No	Comments
b.	Bionano Access web hosted software accessibility from users' workstations	☐ Yes ☐ No	Comments
c.	Compute Servers – depends on system configuration	☐ Yes ☐ No	Comments
d.	Compute On Demand – depends on system configuration	☐ Yes ☐ No	Comments
6.	If COD, will you require a proxy server to access the compute solution? <i>NOTE: Only proxy configurations that do not require authentication credentials and with fixed IP are supported. Dual layer proxies are not supported.</i>	☐ Yes ☐ No	Comments
7.	Can you provide an SSL certificate? – key.pem and certificat.pem format	☐ Yes ☐ No	Comments
8.	Can you provide a DNS friendly name for the BAS' static IP ex: bionanoaccess	☐ Yes ☐ No	Comments

VIA		
Can you provide a workstation for the VIA client installation as per the Bionano VIA Installation guide?	☐ Yes ☐ No	Comments

Change Request		
14. Do you request Administrator Account(s) for Servers?	☐ Yes ☐ No	Comments
15. Please list below any operating system settings that may be modified. Bionano will review compatibility and provide you with an agreement. <i>For data integrity reasons, Bionano does not recommend modifying the operating system of its servers or computers as any unattended modification would break warranty and support.</i>		
Comments		
16. Please list all software that you intend to install. Bionano will review compatibility and provide you with an agreement. <i>For data integrity reasons, Bionano does not recommend modifying the operating system of its servers or computers as any unattended modification would break warranty and support.</i>		
Comments		

References	
<i>Reference documents are available on our bionano.com website, or upon request.</i>	
Stratys Site Preparation Guide (CG-00056)	Information related to Stratys System setup.
Data Security Guidelines (CG-30292)	Genomic data security related document.
Data Collection Guidelines (CG-30173)	Generated data and their weight.
Stratys System Installation Laboratory Checklist (CG-00055)	Laboratory installation checklist.
Bionano VIA Installation Guide (CG-00044)	Guide detailing the installation of VIA

Additional Comments
Comments

Acknowledgment		
I acknowledge full responsibility for backing up generated data from the Bionano Access Server regularly. I have read the Instrument Controller and BAS sections in the Bionano Data Security Guidelines document and understand that modifications made to any of the operating systems or configuration may result in degradation in performance or failure of the instrument. Any failure caused by unauthorized modification will not be covered by the Saphyr warranty or service contract. I understand that no changes should be made before Bionano support follows up with this request.	Date	Date
	Name	Name
	Title	Title
	Signature	