



# NEOS

## MAX • INFINITY

Server Based  
IP Communication  
System



NEOS Max & Infinity is a modular and server based IP communication platform designed to meet the needs of medium and large organizations.

An IP based communication platform with scalability up to 32,000 IP/TDM Ports. NEOS MAX and Infinity platforms are tailor made for medium and large organizations and also allowing growing organizations to expand their communication systems cost effectively over time.

In addition to standard features of SIP telephony, NEOS Max & Infinity provides unified communication and collaboration to all users through compatible IP phones and mobile devices. Users of NEOS Max & Infinity communication platform can keep communicating through various devices whenever and wherever they are. The platforms are power packed with many features such as:

### Unique Features

- 32,000 IP / TDM Ports
- Geographical Redundancy
- Microsoft Outlook Integration
- GSM
- System Health alarm alert on SMS and Email
- Web Programming Auto Attendant
- Audio and Video Conferencing
- 20 Hybrid Extensions
- KTS Functionality from Analog Phone
- Inbuilt Hospitality Features
- Inbuilt Voice Logger
- Free PMS Integration
- Remote Access Web Programming



		MGU	
		NEOS MAX	NEOS INFINITY
SYSTEM CAPACITY		224 TDM & 500 IP Ports	1056 TDM & 2000 IP Ports (3 Racks)
NEOS PLATFORM		32000 TDM Ports (Combination of Max & Infinity Racks)	
INTERFACE CARDS		Analog Extension Card (FSK Caller ID)	
		Analog Line Card (FSK or DTMF Caller ID)	
		Proprietary Digital Extension Card	
		Hybrid Card	
		E1 Line Card (PRI, R2 or QSIG)	
		E&M Line Card	
		MGW Card (for the interconnection of IP and TDM ports)	
		VRC Card (for auto attendant, voice mail and voice logger (call recording))	
		FOC Card (Fiber Optic Converter with 4 RJ-45 and 1 SC connectors)	
		FCT Card (GSM Interface Module for NEOS GT40M GSM Gateways) I/O. Card (with 2 analog extension ports, alarm inputs, door opener, music source connector, paging port, RS232 port)	
PHYSICAL SPECIFICATIONS		19" 3U chassis, compatible/wall-mount	19" 3U chassis
		268 (w) x 131 (h) x 387 (d) (mm)	440 (w) x 132.5 (h) x 440 (d) (mm)
		483 (w) x 131 (h) x 387 (d) (mm) (including support brackets)	480 (w) x 132.5 (h) x 462 (d) (mm) (including power supply)
		Weight: 7 kg	Weight: 10 kg
PROCESSOR		Stored program control (SPC)	
		Distributed processor architecture	
		High system reliability	
		-	Optional CPU redundancy
		-	Optional ringer and PSU redundancy
SOFTWARE SPECIFICATIONS	Servers	Embedded Proxy, Registrar, Presence & IM	
	Operating System	Linux Suse 12.2	
	CRL Capacity	1.000.000	7.250.000
AMBIENT CONDITIONS	Temperature	emperature: -5°C to +40°C, Humidity: 20% to 80%	

### Key Telephones



Syntel is a Telecom Division of Arvind Limited; a flagship Company of the Ahmedabad based Lalbhai Group; one of India's most respected industrial houses. Today, Syntel is a leader in technology solutions offering Enterprise Communications, IT Infra & Automation, AV Integration & Automation and Security & Surveillance services under one roof. Backed by the support of leading global technology partners and its in-house brands - NEOS, Max, Infinity and SNEOS, Syntel has established itself as a one-stop technology solutions company.

In order to add value to the exceptional products, Syntel also owns an in-house software application development team that constantly works towards delivering customized and integrated solutions for various verticals under communication, security surveillance and IT domains. All the industry solutions are offered through a SINGLE WINDOW, ensuring efficient and secured business processes and delivering smart returns on investments.

Manufactured by:  
**ARVIND LIMITED (TELECOM DIVISION)**

**edge**  
**Technology**

Excellence | Empower | Enhance



Enterprise  
Communication



Security &  
Surveillance



AV Integration  
& Automation



Network  
Infrastructure



Integrated Software  
Applications