



Make Your Digital Transformation
Simpler and Secure

SANGFOR HEALTHCARE SOLUTION



Website: www.sangfor.com

Email (Sales): sales@sangfor.com

Email (Marketing): marketing@sangfor.com

SANGFOR SOLUTION FOR HEALTHCARE

Delivering real-time data to doctors and nurses efficiently and securely is crucial for the health and safety of patients. The easier it is to access medical records, the more efficiently doctors can make informed decisions.

Achieving this continuity requires an IT infrastructure that can effectively support core processes & applications, as well as smart phones & other mobile devices.

1 Business Trends and Key Challenges

Core Business Transform Online



(Registration, Queuing, E-Payment)

Unknown Web Security Risks Higher Availability

Widely Used Digital Technology



(HIS, EMR, PACS, Database)

Easy Deployment and Efficiency Professional IT Skills

2 Traditional Solution Shortcomings

Performance Bottleneck

Unable to deliver high I/O processing capacity between terminals to HIS, EMR, PACS and other systems

Hard Expansion

Expanding systems and storage requires complicated configuration on multiple systems, making deployment of new medical equipment and technology slow



Complicated O&M

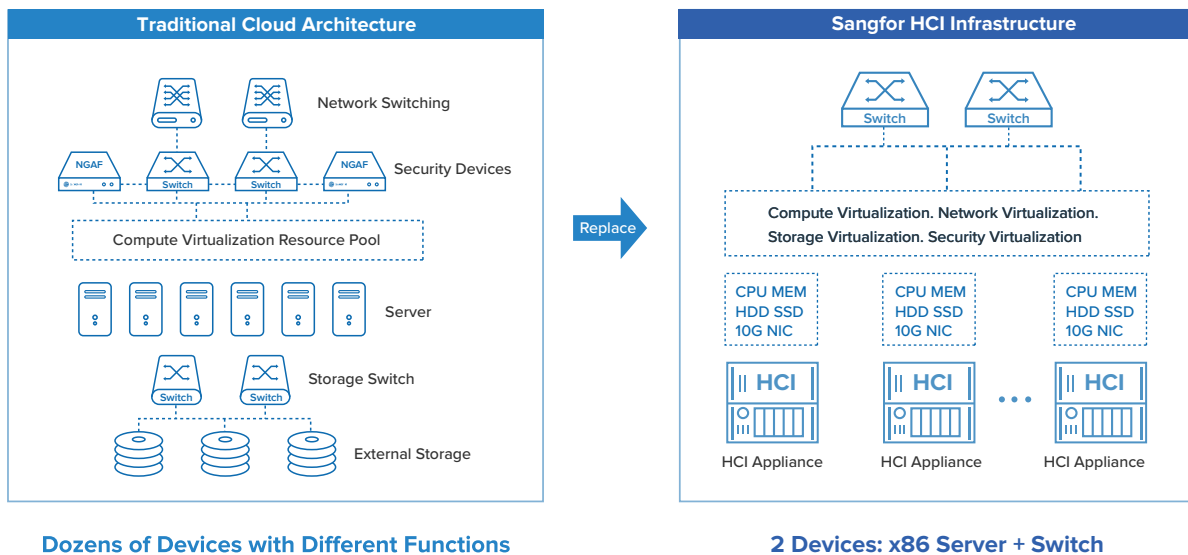
With many application and system deployed, every Server and System need to operate and maintenance individually

Single Point of Failure

HIS/PACS systems store core information, but with no high availability server, any breakdown will take hours or days for recovery

3 Sangfor Healthcare Solution

Faced with such a large scale of concurrent business and data processing requirements, medical facilities recognize that a secure cloud data center, based on hyperconverged infrastructure, is the inevitable choice for timely business transformation.



4 Solution Benefits

- Sangfor Endpoint Secure works with NGAF to provide 360 degree protection from ransomware attack.
- Data is distributed across multiple hosts with multiple copies to ensure data integrity.
- High-speed backup is fully integrated for local or remote data protection in hourly or second increments.
- TCO reduction up to 60% with hardware consolidation and O&M simplification. Time-to-market shortened from weeks to days, or even hours.
- Fully integrated virtual Next Generation Application Firewall (NGAF) with L7 Next Generation protection + WAF (Web Based Application Firewall) module in a single management platform.
- Mission-critical applications (HIS, EMR, PACS) are fully optimized by Sangfor HCI, allowing storage performance to be further enhanced with SSD tiering and caching.
- Business continuity can be guaranteed with native high availability, with no downtime for mission-critical applications working in conjunction with virtual load balancer.
- IT Management can be simplified dramatically with one unified web-based management platform for compute, storage, networking and security.

ABOUT SANGFOR

Make Your Digital Transformation Simpler and Secure. This is Sangfor Technologies' commitment to our customers. Since forming in 2000, Sangfor has been a global leader of IT infrastructure, security solutions and cloud computing. Five business groups deliver industry leading products for Hyper-Converged Infrastructure, Virtual Desktop Infrastructure, Next Generation Firewall, Secure Web Gateway, Endpoint Protection, Ransomware Protection, Incident Response, WAN Optimization, and SD-WAN. Constant innovation and dedication to creating value for our customers are the heart of our corporate strategy.

Sangfor's **9500+** employees take customer's business needs and user experience seriously by servicing and supporting them at over **60** branch offices globally in exciting locations like Hong Kong, Malaysia, Thailand, Indonesia, Singapore, Philippines, Vietnam, Myanmar, Pakistan, UAE, Italy, and the USA.

 **22**
Years

 **9500+**
Employees

 **60**
Branch Offices



Cyber Security

Enabling Enterprise-Class Security



Cloud Computing

One Architecture Sharing Everything



Infrastructure

Achieving Inter-Connected Network



Sundray

Enterprise Wi-Fi & Enterprise IoT



Virtiant

Cloud Service (USA)

CONTINUOUS INNOVATION & EXCELLENT SERVICE

Sangfor invests at least 20% of annual revenue in R&D to improve products and develop new solutions at our five R&D centers. With over 2,200+ patents, Sangfor has more patent applications submitted in 2022. This dedication to innovation enables us to release product updates every quarter and launch new products annually.

We pride ourselves on our excellent service. Customers enjoy fast 24x7 online support 365 days a year and personalized on-site service support from over 10,000 certified engineers at our three Customer Service Centers in Malaysia & China.



Sangfor has more than **100,000** satisfied customers worldwide, including **Fortune Global 500** companies. Governments, universities & schools, financial institutions, manufacturing, and other industries trust us to protect them from the next generation of cyberthreats and help them on their journey to digital transformation with a future-proof IT infrastructure.



Remote 24/7 Support



Local Wholly-owned Subsidiaries for Better and Faster Services



Multilingual Call Center in Malaysia



ISO9001 Certified

AWARDS & ACHIEVEMENTS



IDC

Listed as One of the Top 3 Vendors for SWG, NGAF, IPSec/SSL VPN, WANO, Application Delivery, HCI & VDI in China (2021)



Frost & Sullivan

Sangfor SSL VPN No. 1 in Network Security market in China, Hong Kong & Taiwan



SAP

SAP Certified for Cloud and Infrastructure Operations and SAP HANA Operations (2019)



Cyber Defense Magazine

"Next Gen" Award for Sangfor Endpoint Secure by Cyber Defense Magazine (2019)



Cybersecurity Excellence Awards 2022

Gold Winner for the Most Innovative Cybersecurity Company and Best Cybersecurity Company



ICSA Labs

ICSA Labs certification for Sangfor Next Generation Firewall (2020)



Global InfoSec Awards 2021

"Most Promising Security Company of the Year" and "Cutting-Edge in Extended Detection and Response (XDR)"



AV-TEST

High Performance with Low Impact Certification for Sangfor Endpoint Secure by AV-Test (2020-2021)



VirusTotal

Member of various technology alliances including VirusTotal with Sangfor Engine Zero recognized by VirusTotal as the newest, best and brightest cloud malware sandbox vendor



Forrester

Sangfor Included in Forrester's "New Tech: Zero Trust Network Access (ZTNA), Q2 2021" and "Now Tech - Cloud Security Gateways Q1 2021"



CyberRatings.org

Sangfor NGAF Received "AAA" Rating from CyberRatings.org in Enterprise Firewall + SSL/TLS (2021)



CMMI Level 5

Sangfor has successfully passed and received CMMI Level 5, the highest level of CMMI certification

Listed in the Gartner Magic Quadrant Reports



2011-2020



2015-2021



2019-2021



2020 (APAC Context)

** Previously listed in the Magic Quadrants for WAN Optimization Controller (WOC), Application Delivery (AD), SSL VPN and x86 Server. Those reports have been discontinued by Gartner.*



Listed in the Gartner Peer Insights 'Voice of the Customer' Reports



Note: As of May 2022

Source: Gartner Peer Insights



NETWORK SECURITY

Internet Access Gateway

Simplify User & Network Management

Sangfor IAG (Internet Access Gateway) is a best-in-class SWG security solution that controls access to and from the Internet, by preventing unsecured traffic from entering & leaving the internal network of an organization, and by monitoring and controlling the behaviour of all network users. Superior, in-house development and design provides unparalleled visibility into user identity, applications, and protection of all network users.



Promote User Productivity and Acceptable Use Policies (AUP)



Enforce Audit and Secure Internet Access Compliance Policies



Uncover Encrypted Traffic with Unparalleled Visibility



Provide Comprehensive Bandwidth Management and Application Control



NGAF Firewall Platform

Smarter Security Powered by Artificial Intelligence

Sangfor NGAF is the world's first AI enabled and fully integrated NGFW + NGWAF with security visibility, providing all-around protection from known and unknown threat to business systems, and with ease of security operation and management.



Integrated Next Generation Firewall + Next Generation WAF + Endpoint Security



Industry-Leading Advanced Malware Detection by AI -powered Engine Zero & Neural-X



Visibility, Guidance and Automation of Security Operation



Gartner MQ Listing for Enterprise Network Firewalls & Certified by ICSA Labs



Endpoint Secure

The Future of Endpoint Security

Sangfor Endpoint Secure manages the endpoint asset security life cycle, from prevention, detection and defense, all the way through response. Endpoint Secure provides the most accurate identification and mitigation of rogue or malicious processes and applications, like ransomware and other Advanced Persistent Threats (APTs), while host firewall capability prevents the East-West spread of malicious activity by blocking suspicious or unauthorized network communications.



Unique & Comprehensive Ransomware Protection



AI Powered Protection with Neural-X and Engine Zero



On-premise, Cloud-Based or Hybrid Management for Scalability



Direct Integration with Sangfor NGAF and IAG







Cyber Command

Intelligent Threat Detection and Response Platform

Sangfor Cyber Command significantly improves overall security detection and response capabilities by monitoring internal network traffic, correlating existing security events, and applying AI and behavior analysis, all aided by global TI. Unlike other solutions, Cyber Command uncovers breaches of existing security controls while impact analysis identifies hidden threat within the network.

Because Cyber Command integrates network and endpoint security solutions, administrator ability to navigate and understand the overall threat landscape is significantly improved, and response to threat is automated and simplified.





 <p>Sophisticated Detection by Closely Monitoring Every Step of the Cyber-attack Kill Chain</p>	 <p>Simplify Threat Hunting to Perform Comprehensive Impact Analysis of Known Breaches and Track "Patient Zero"</p>
 <p>Integration with Sangfor TIARA & MDR Services</p>	 <p>Faster and More Efficient Response Using Incident Investigation and Security Integration</p>

Sangfor TIARA

Threat Identification, Analysis and Risk Management

TIARA is a turnkey service, including Sangfor hardware and software, to help customers quickly gain a broad understanding of their current threat posture.

- TIARA Assessment: lightweight security assessment service to help customers quickly and easily determine the threat posture of their entire network.
- TIARA Recommendations: improvement planning and remediation assistance to take customer's security posture to the next level.

 <p>Determine Your Current Threat Posture</p>	 <p>Correlate Security Events and Identify Potential Threat</p>
 <p>Provide Recommendations, Improvement Plans and Remediation Assistance</p>	 <p>Evaluate Efficiency and Effectiveness of Existing Security Practices</p>

Sangfor Incident Response

Detection of External Threats





An external vulnerability assessment that simulates how an attacker identifies attack surfaces, gains entry into the network and how to exploit a weakness to threaten to the entire network.

Security Program Enhancement

An external attack surface assessment service that provides the security team a remediation planning program to eliminate discovered security vulnerabilities and attack surfaces, reducing overall security risk.

Security Skills Education

Security team security skills are improved through training and interaction with the investigators and analysts. In addition, the investigation results and lessons learned identify vulnerabilities and security gaps educating the security team on how to prepare and implement a remediation plan, reducing the likelihood a secondary attack.

 <p>Prevent Cyber Security Incidents</p>	 <p>Assess Your Security Architecture</p>
 <p>Reduce Downtime & Ensure Business Continuity</p>	 <p>Maintain Public Trust in Your Brand</p>

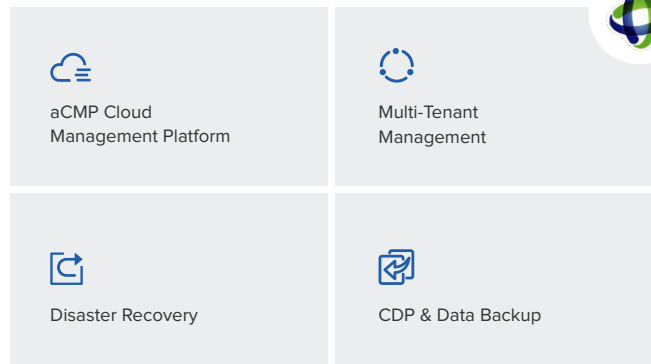
CLOUD COMPUTING





Sangfor HCI

Enterprise Cloud Computing Platform Built on Business-Centric HCI

Sangfor HCI (Hyper-converged Infrastructure) is the most advanced cloud IT architecture available today.

Built on innovative Sangfor hyper-converged technology with complete IT infrastructure, O&M management service capabilities and carrying key business applications like core databases, ERP, financial systems and production systems.

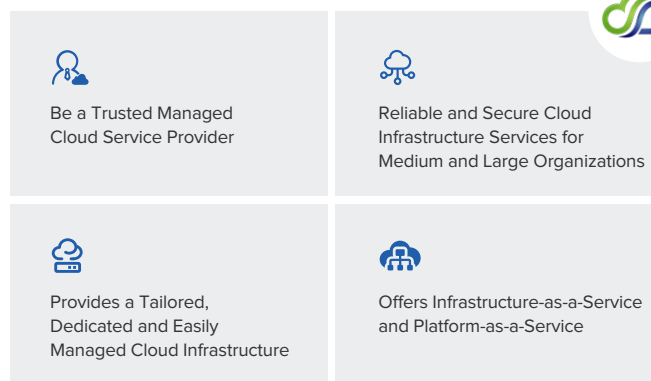






 <p>aCMP Cloud Management Platform</p>	 <p>Multi-Tenant Management</p>
 <p>Disaster Recovery</p>	 <p>CDP & Data Backup</p>

Sangfor Managed Cloud Services

Secure and Simplify Your Digital Transformation Journey

Sangfor Managed Cloud Service provides a new approach between Public Cloud and Private Cloud. Instead of being pieced together with multiple 3rd party software, Sangfor MCS relies mostly on self-developed compute and cybersecurity technologies. Both tenants and partners enjoy a one-stop-shop experience from a cloud provider with its full-range of in-house technologies. They benefit from superior compute, storage, network, back up, DR, and hybrid cloud as well as endpoint security, assessment service and managed security service.



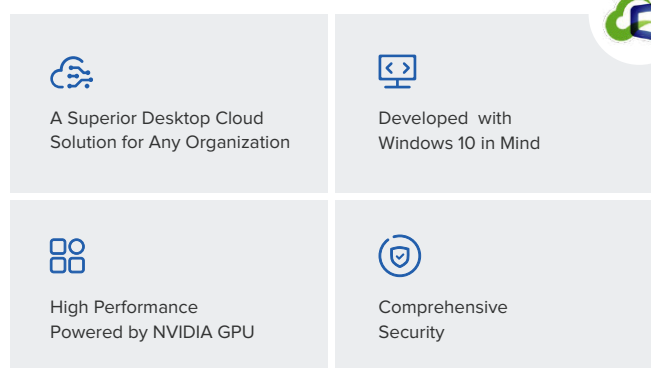
 <p>Be a Trusted Managed Cloud Service Provider</p>	 <p>Reliable and Secure Cloud Infrastructure Services for Medium and Large Organizations</p>
 <p>Provides a Tailored, Dedicated and Easily Managed Cloud Infrastructure</p>	 <p>Offers Infrastructure-as-a-Service and Platform-as-a-Service</p>





INFRASTRUCTURE

Sangfor aDesk

Tightly Integrated Desktop Cloud with Outstanding Performance

Sangfor aDesk is the most advanced cloud-based virtual desktop infrastructure (VDI) solution based on Sangfor's hyper-converged infrastructure. Tightly integrated server virtualization, desktop virtualization and storage virtualization means only a single aDesk thin client appliance and a cloud instance are required to deliver a rapid deployment cloud platform.







 <p>A Superior Desktop Cloud Solution for Any Organization</p>	 <p>Developed with Windows 10 in Mind</p>
 <p>High Performance Powered by NVIDIA GPU</p>	 <p>Comprehensive Security</p>



SD-WAN

Boost Your Branch Efficiency With Sangfor SD-WAN

Sangfor SD-WAN provides easy operation and maintenance for branch to headquarters connectivity improving customer experience and overall network reliability.





 <p>Simplify Deployment & O&M</p>	 <p>Reduce Branch TCO & OPEX</p>
 <p>Enhance Business Availability & Data Transmission Security</p>	 <p>Improve Branch User Work Efficiency & Increase Productivity</p>

Sangfor Access

Cloud-based SASE for Branch Offices & Remote Users

Sangfor Access is a Secure Access Service Edge (SASE) cloud service to securely connect your branch offices or remote users to business applications.

Branch offices use their existing routers or Sangfor SIER for seamless SD-WAN connectivity routing all internet traffic through Sangfor Access. Remote users install a lightweight client to send all business related traffic to Sangfor Access.


 <p>Improved Reliability to Business Applications for Remote Users</p>	 <p>Cloud-Based Platform for Smart and Centralized Management</p>
 <p>Highly Scalable to Grow Branches with Quick Remote Access</p>	 <p>Pay-as-You-Grow Model to Match Your Business Strategy</p>

Sangfor Intelligent Edge Router

Simplify & Intelligentize Your Branch Network

Sangfor Intelligent Edge Router (SIER) is a key component of Sangfor SD-WAN, integrating zero-touch provisioning, centralized management, intelligent path selection, user behaviour and bandwidth management, WIFI, 3G, and 4G in a single solution.

SIER simplifies operation and management, improves business availability and user experience, and reduces hardware and bandwidth costs.

 <p>Simplify Deployment and Operations and Freeing Operational IT Resources</p>	 <p>Up to 10X Improvement in Work Efficiency</p>
 <p>Increase Business Availability & Productivity</p>	 <p>Integrate Multiple Functions and Minimize Hardware Costs By 50%</p>



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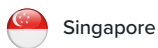
Contact Us

marketing@sangfor.com 
sales@sangfor.com 
www.sangfor.com 

INTERNATIONAL OFFICES



11 International Branches



Singapore



China



Indonesia



Malaysia



Thailand



Philippines



Vietnam



South Korea



UAE



Pakistan



Italy

SANGFOR SINGAPORE

8 Burn Road # 04-09, Trivex, Singapore
(369977)

Tel: (+65) 6276-9133

SANGFOR HONG KONG (China)

Unit 1612-16, 16/F, The Metropolis Tower, 10
Metropolis Drive, Hung Hom, Kowloon, Hong
Kong

Tel: (+852) 3845-5410

SANGFOR INDONESIA

MD Place 3rd Floor, Jl Setiabudi No.7, Jakarta
Selatan

12910, Indonesia

Tel: (+62) 21-2966-9283

SANGFOR MALAYSIA

No. 47-10 The Boulevard Offices, Mid Valley
City, Lingkaran

Syed Putra, 59200 Kuala Lumpur, Malaysia

Tel: (+60) 3-2702-3644

SANGFOR THAILAND

141 Major Tower Thonglor (Thonglor10) Floor 11
Sukhumvit Road, Kholngtan Nuea Wattana BKK,
Thailand 10110

Tel: (+66) 02-002-0118

SANGFOR PHILIPPINES

7A, OPL Building, 100 Don Carlos Palanca,
Legazpi, Makati,

122 Metro, Manila, Philippines.

Tel: (+63) 917-117-9346

SANGFOR VIETNAM

4th Floor, M Building, Street C, Phu My Hung,
Tan Phu Ward, District 7, HCMC, Vietnam

Tel: (+84) 287-1005018

SANGFOR SOUTH KOREA

Floor 17, Room 1703, Yuwon bldg. 116,
Seosomun-ro,

Jung-gu, Seoul, Republic of Korea

Tel: (+82) 2-6261-0999

SANGFOR EMEA

D-81 (D-Wing), Dubai Silicon Oasis HQ Building,
Dubai, UAE.

Tel: (+971) 52855-2520

SANGFOR PAKISTAN

44, Navy Housing Scheme, ZamZamma,
Karachi, Pakistan

Tel: (+92) 333-3365967

SANGFOR ITALY

Floor 8, Via Marsala, 36B, 21013 Gallarate VA,
Italia

Tel: (+39) 3395-7110-78

GLOBAL SERVICE CENTER

Tel: +60 12711 7129 (or 7511)

tech.support@sangfor.com