

# Company Profile



*From our foundation to our future  
— discover what drives us.*

 Website  
[www.sankalpabs.com](http://www.sankalpabs.com)



# About Us



“Sankalpa” in Sanskrit stands for a one-pointed resolve – a focused intention to achieve a goal with commitment and purpose. At Sankalpa Business Solutions, this philosophy is at the core of everything we do.

With over two decades of industry experience, Sankalpa has grown into a trusted name in IT infrastructure and Engineering solutions. Our journey has been guided by ethics, innovation, and an unwavering commitment to customer satisfaction.

## We specialize in four key areas:

- IT System Integration: Infrastructure solutions for Networking, Compute, Power, and Cooling.
- IT Services: Managed Services, AMC, Audits, and Consulting.
- RF / Microwave Solutions: Advanced RF Systems for Satellite, Radar, and Defense Applications.
- Commercial & Industrial Automation: Smart Building and Industrial Automation with Precision Controls.



# Solution Offerings

At Sankalpa Business Solutions, we deliver integrated technology and automation solutions across four specialized domains:

## IT System Integration

Complete infrastructure setup covering:

- Active & Passive Networking
- Compute Solutions (Servers, Storage, Virtualization)
- Power & Cooling Systems
- Data Center Design & DCIM
- Security Systems (CCTV, Fire Alarm, Access Control)

## IT Services

Reliable support and Managed services:

- Facility Management & AMC
- Onsite & Remote IT Support
- Virtualization & Backup
- Infrastructure Audits (Energy, Network, DC)
- Consulting & Optimization Services

## RF / Microwave Products

Advanced components and systems for:

- Satellite Communication & RADAR
- Broadcasting & Ground Stations
- Key Products: LNAs, Amplifiers, Filters, Antennas, VSATs
- Services: Vendor Sourcing, System Integration, Design Consultancy

## Enterprise & Industrial Automation

• Industrial Automation (Kuebler) Encoders, Motion Control, Sliprings, and Process Monitoring for Manufacturing and Automation.

• Enterprise Automation (Wimate) Smart IoT-based solutions for Lighting, HVAC, Energy, and Access Control in Commercial Spaces.



# Networking Solutions

Sankalpa Business Solutions provides comprehensive networking solutions, from design to deployment, tailored for enterprise, industrial, and critical IT environments.



## Our Capabilities Include:

- Network Design – Structured design for Active (Switches, Routers, Firewalls) and Passive (Cabling, Racks, Panels) components
- Active Networking – Implementation using top brands; Switching, Routing, Wireless, and Security
- Passive Networking – Fiber & Copper Cabling, Racks, Patch Panels, and Accessories
- Data Center & Enterprise Networks – Scalable Backbone Architecture and Optimization
- Support & Maintenance – Network Audits, Upgrades, Troubleshooting, and AMC





# Compute Solutions



We deliver high-performance compute infrastructure to power enterprise operations, virtualization, and secure data management.

- Workstations & Desktops – From leading brands like HP, Lenovo, and Dell
- Servers – Rack and tower servers for scalable business needs (HP, Lenovo, and Dell)
- Storage Solutions – SAN, NAS, and Unified storage systems (NetApp, EMC, HP, Dell)
- Virtualization & Backup – Solutions using MS, Red Hat, Symantec, Commvault
- Security & Software – Operating systems, Endpoint protection, and Enterprise licenses
- Accessories & Imaging – Printers, Scanners, Peripherals, and related compute accessories



# Power & Cooling Solutions

Sankalpa delivers robust and energy-efficient infrastructure solutions to ensure uptime, reliability, and protection of mission-critical IT environments.

- Power Solutions – UPS systems, Transformers, Static Transfer Switches (STS), Intelligent Power Distribution Units (IP-PDU)
- Precision Cooling – Precision Air Conditioners (PAC) and Cold Aisle Containment for server rooms and data centers
- Battery Monitoring – Real-time monitoring and management of battery health and performance
- DCIM (Data Center Infrastructure Management) – Centralized control and visibility for energy and infrastructure performance
- Accessories – Batteries, Racks, and Auxiliary electrical components for Data-Center integration



# Safety & Security Solutions



## > CCTV & Video Surveillance

Indoor/outdoor cameras, IP surveillance systems, and remote monitoring

## > Access Control Systems

Biometric, RFID, card-based, and multi-level access solutions

## > Fire Alarm & Suppression

Detection systems integrated with gas-based or water-based suppression

## > Intrusion Detection Systems

Perimeter and internal intrusion detection for secure environments

## > Video Conferencing & Displays

Boardroom solutions, remote collaboration systems, and smart displays



# Industrial Automation Solutions



**Sankalpa partners with Kuebler to offer advanced industrial automation solutions designed for precision, reliability, and scalability in manufacturing and motion control applications.**

- Encoders – Rotary and linear encoders for precise position and speed feedback
- Linear Measurement Systems – Track position or displacement
- Slip Rings – Transfer power/signals in rotating equipment
- Counting & Process Devices – Monitor and control process values
- Functional Safety Components – Ensure safe machine operation
- Communication Interfaces – Enable data exchange between devices





# ROTAC



Sankalpa offers high-quality slip rings sourced from Rotac Ltd., South Korea, a trusted global manufacturer. These slip rings are available with local support and Pan-India delivery, suitable for Automation, Robotics, and Rotating systems.

Rotac is a leading company in the slip ring field, including commercial, industry and defense and will strive to provide products and services that customers can trust.

Through cutting edge technology and continuous R&D in keeping with the changing industrial environment that is becoming environmentally friendly and digitized. Based on this, M/s. Rotac developed into a world-class company leading the 21st century through competition with the world's leading companies.



# Slip Ring Solutions – From Rotac Co. Ltd.,

Sankalpa offers high-quality slip rings sourced from Rotac Ltd., South Korea a globally recognized manufacturer of rotary transmission systems. These products are available with pan-India delivery and local support, and are suitable for use in automation, robotics, and rotating systems.

## Key Product Categories



RCWS



ETOS



SONAR WINCH



MINIATURE SLIP RINGS

## Industries Served

- Security
- Electrical & Electronics
- Factory Automation (FA)
- Renewable Energy
- Semiconductor
- Automobile
- Defence / Military

## Certifications & Achievements

- ISO 9001 & ISO 14001 Certified
- INNO-BIZ
- Venture Company Certified
- Recognized Research Institute
- Product Design Patents

# Enterprise Automation Solutions

Sankalpa, in partnership with Wimate, offers smart IoT-based automation solutions that improve comfort, energy efficiency, and control in offices, buildings, and enterprise spaces.



## > Smart Lighting Control

Automated ambient and task lighting with scheduling and motion sensors

## > HVAC Automation

Intelligent climate control to optimize comfort and energy use

## > Access Control

Secure, centralized access management using biometric, RFID, or mobile credentials

## > Energy Monitoring

Real-time power consumption data, load analysis, and efficiency tracking

## > Centralized Dashboard

Cloud-based platform for remote monitoring and control across devices and systems

## > Customized Enterprise Solutions

Tailored automation packages for corporate, hospitality, retail, and institutional client

# RF / Microwave Solutions

At Sankalpa, we offer specialized services in the RF and Microwave domain, with a strong focus on defense, aerospace, and high-end communication technologies. Our core competencies include:

## Sourcing & Marketing

- Strategic sourcing of RF and microwave components and subsystems from certified global manufacturers with full traceability and quality assurance.

## Vendor & Client Coordination

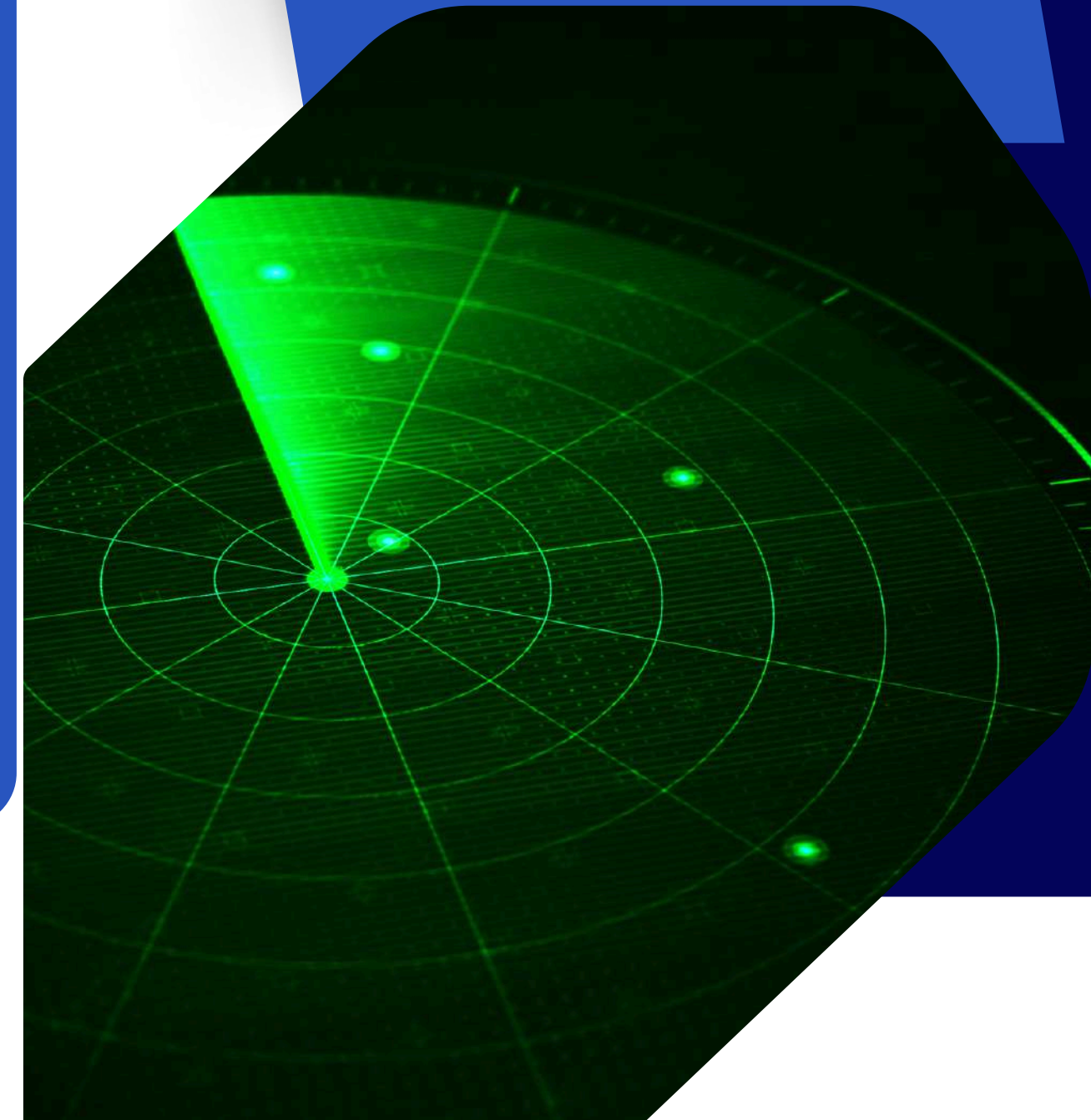
- Seamless coordination between technology providers and end-user agencies to ensure successful project execution from concept to deployment.

## Qualified Vendor Identification

- Identifying and working with vendors supplying MIL-grade and space-qualified components and systems.

## Engineering Consultancy

- Techno-Feasibility Studies
- Design & System Engineering
- SatCom Ground Station Integration
- Proposal Evaluation for New Ventures
- Turnkey Project Management





# RF & Microwave Products Portfolio

Sankalpa offers a wide range of high-performance RF and microwave products designed for mission-critical applications in satellite communication, radar systems, and aerospace technology.

## Our Product Offerings Include:

### Satellite & Radar Systems

- VSAT Terminals
- Satellite TTC Systems
- Ground Station Equipment
- Satellite Broadcasting Solutions
- Mobile Satellite Systems

### RF Components & Subsystems

- Amplifiers (Low Power / High Power)
- Low Noise Amplifiers (LNA)
- Filters, Oscillators, Receivers, Transmitters
- Up/Down Converters, SSPA, Block Converters
- Couplers, Adapters, Connectors, Attenuators

All our products are sourced from globally trusted vendors with MIL-grade or space-qualified certifications, ensuring reliability and performance under demanding conditions.

# Partnered With

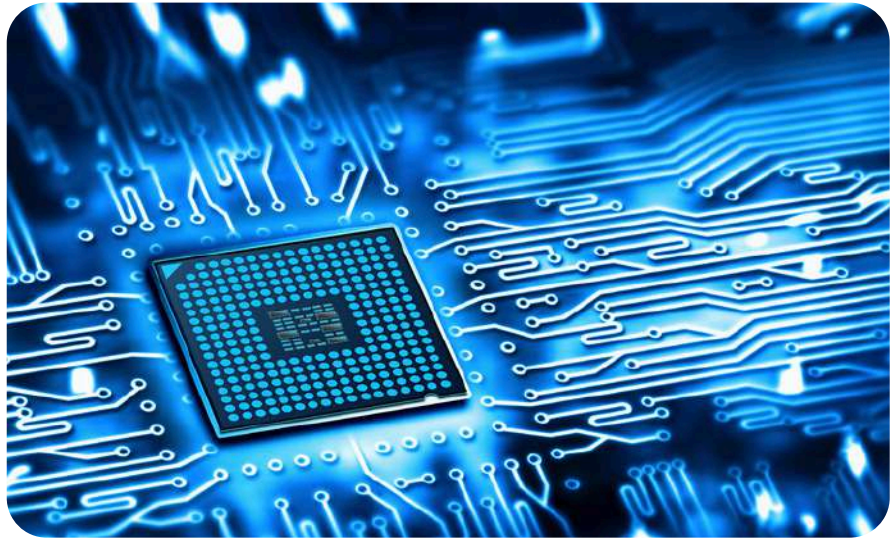
We work closely with global technology leaders to deliver trusted, high-performance solutions tailored to our clients' needs.



# Our Clients

At Sankalpa Business Solutions, we serve a diverse range of clients across critical and emerging sectors. Our ability to deliver customized, high-performance solutions has earned us the trust of both national and international organizations.

We serve clients across industries such as Defense, Aerospace, Semiconductor, R&D, Manufacturing, Pharmaceuticals, FMCG, IT, Education, and the Public Sector.



# Why <sup>////</sup> Choose Us?



## Proven Experience

20+ years of expertise in IT, RF/Microwave, and Automation solutions.



## Trusted Global Partners

We work with leading international brands to ensure quality and performance.



## End-to-End Solutions

We handle everything — from design to delivery — under one roof.



## Customer-Focused Approach

Fast response, on-time delivery, and solutions tailored to your needs.



# Get In Touch With Us



Phone

+91 99167 77651



Email

sanjay@sankalpabs.com



Office

34A, 9th Cross, Vijaya Bank Colony,  
Krishna Nagar Main Road, K R Puram  
Bangalore – 560036, Karnataka, India



Website

[www.sankalpabs.com](http://www.sankalpabs.com)

*Powering Progress with  
Precision.*





**Thank You**  
For Your Attention

