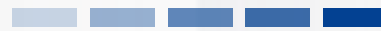


LYLETECH ELECTRONICS

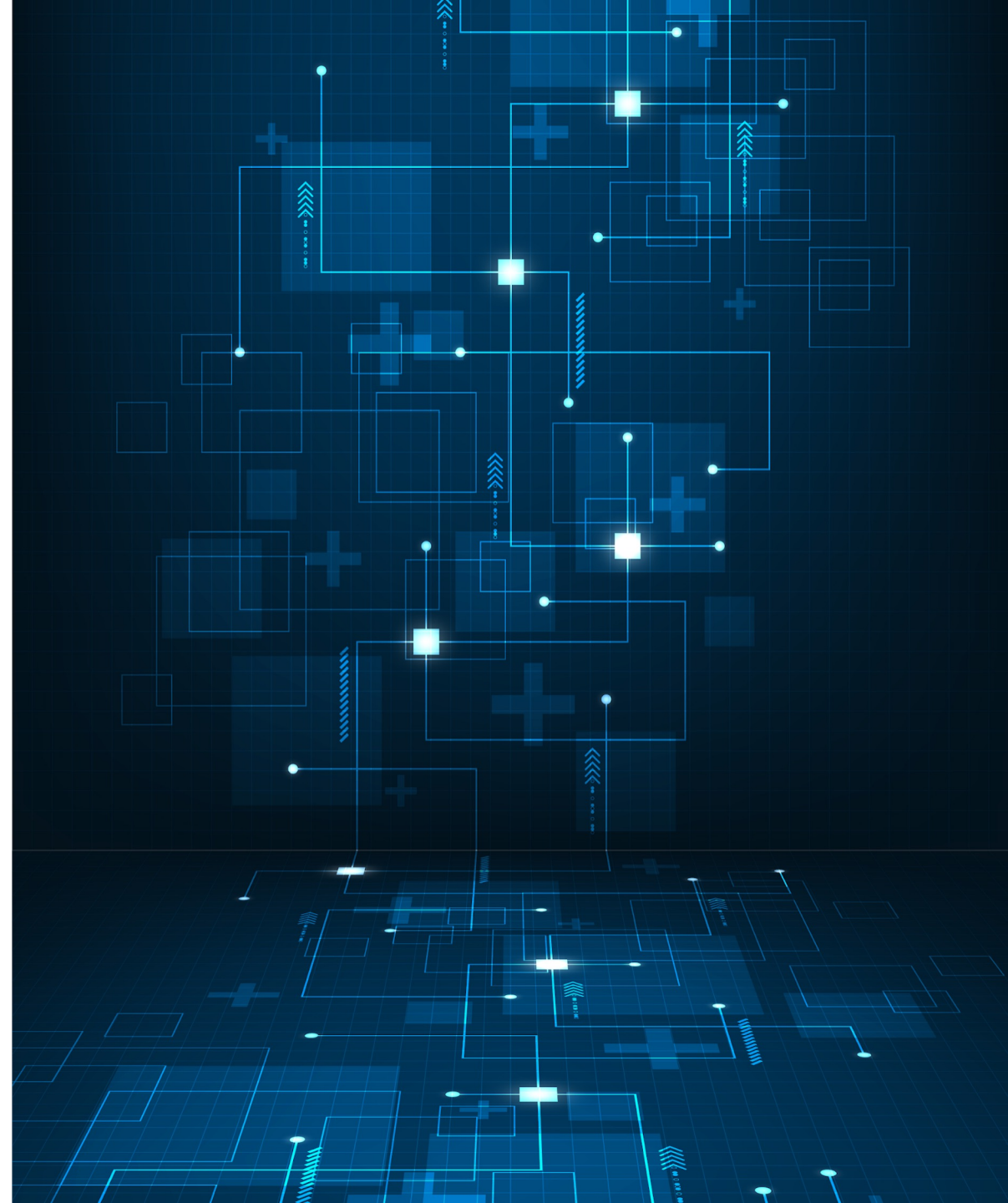
COMPANY PROFILE

TELCO SERVICES



ABOUT LYLETECH ELECTRONICS

Lyletech Electronics is a well-established technology company with over 10 years of experience, specializing in Telco, Software Development, Internet of Things (IoT) solutions, Data Analysis, Cyber Security, Business Consulting, and Artificial Intelligence (AI) services. We have built a strong reputation for delivering innovative and reliable technology solutions that help businesses across various industries achieve their goals and thrive in today's rapidly evolving digital landscape.



Our Mission & Vision

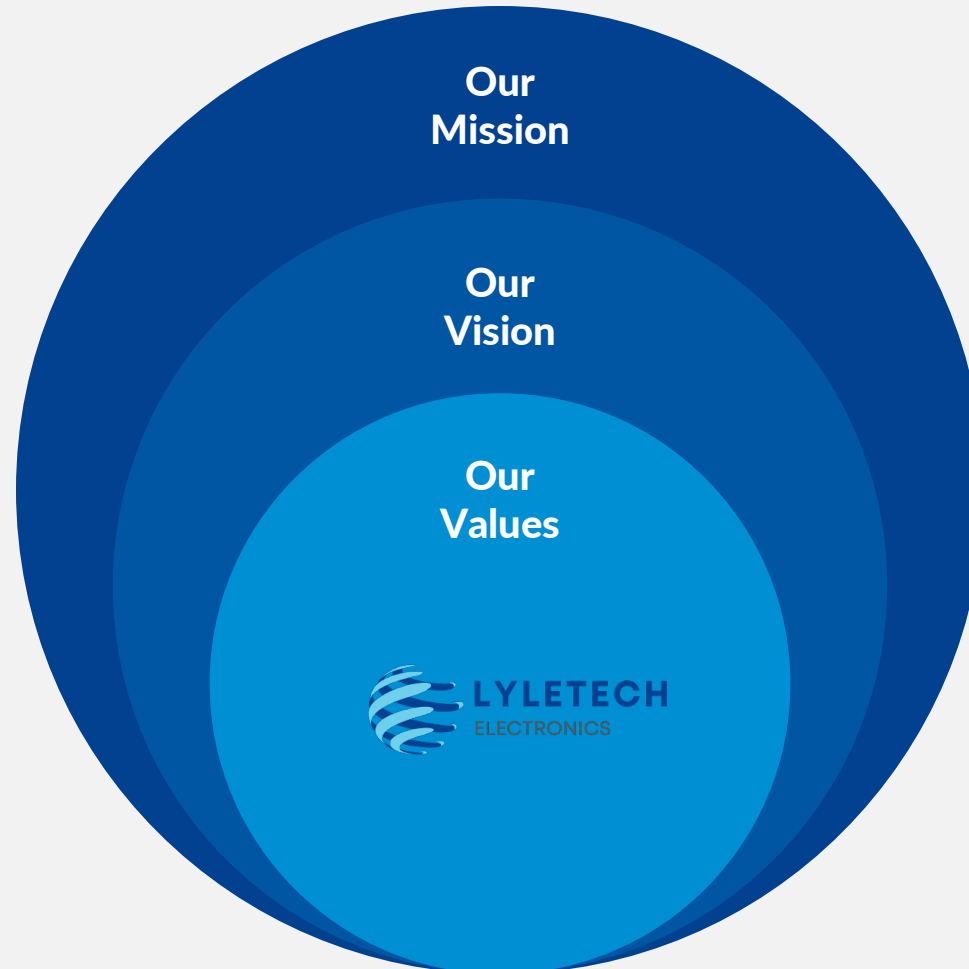


OUR MISSION

At Lyletech Electronics, our mission is to empower individuals, businesses, and institutions through cutting-edge technology solutions in the fields of Telco, IoT, AI, Data Science, Cybersecurity, Startups, and Universities. We strive to deliver innovative and reliable services that enable our clients to unlock their full potential and thrive in a rapidly evolving digital landscape.

OUR VISION

At Lyletech Electronics, our vision is to be a globally recognized leader in providing comprehensive and transformative technology solutions in the fields of Telco, IoT, AI, Data Science, Cybersecurity, Startup, and Universities. We envision a future where technology is seamlessly integrated into every aspect of life, empowering individuals and organizations to thrive in a digital world.



OUR VALUES

Integrity

We uphold the highest level of integrity in all our interactions. Honesty, transparency, and ethical conduct are at the core of our business practices. We build trust with our clients, partners, and employees by acting with integrity and maintaining confidentiality and privacy.

Innovation

We foster a culture of continuous innovation, encouraging creative thinking and embracing new ideas. We believe that innovation is the foundation for progress, and we constantly explore new technologies and approaches to deliver cutting-edge solutions.

Social Responsibility

We are committed to making a positive impact on society and the environment. We strive to be socially responsible by promoting diversity and inclusion, supporting community initiatives, and adopting sustainable practices in our operations.

Our Telecom Solutions



Network Infrastructure Development and Optimization

We offer end-to-end network infrastructure development and optimization services, helping telecom companies build robust and scalable networks to meet the ever-increasing demands of data and voice services. Our team of experts assesses your existing infrastructure, designs customized solutions, and implements upgrades to enhance network performance, reliability, and capacity.



Digital Transformation and Cloud Adoption

To stay competitive in the digital age, telecom companies need to embrace digital transformation and leverage the power of cloud technologies. We assist in developing and implementing digital strategies that drive operational efficiency, agility, and innovation



Network Security and Cyber Threat Management

Protecting critical network infrastructure and customer data is paramount in the telecom sector. Our comprehensive network security services encompass risk assessments, vulnerability management, threat detection, and incident response.



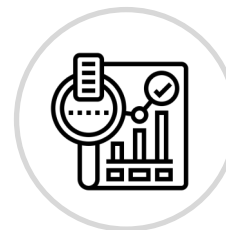
IoT and Connectivity Solutions

The rise of the Internet of Things (IoT) presents immense opportunities for the telecom sector. We help telecom companies capitalize on IoT by designing and implementing connectivity solutions that enable seamless integration, efficient device management, and data analytics for actionable insights



Customer Experience Enhancement

We understand that exceptional customer experience is essential for telecom companies' success. Our services focus on enhancing customer satisfaction and loyalty through personalized interactions, streamlined processes, and innovative self-service options



Data Analytics and Business Intelligence

Extracting actionable insights from vast amounts of data is crucial for telecom companies. Our data analytics and business intelligence services help you make informed decisions, improve operational efficiency, optimize network performance, and identify revenue-generating opportunities

Network Managed Services



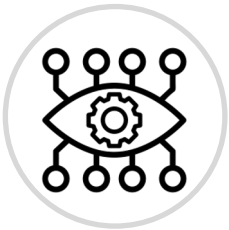
Network Design and Implementation

Lyletech collaborates closely with businesses to design and implement bespoke network solutions. Their team of experienced network engineers and consultants assess the organization's requirements and objectives to create a tailor-made network architecture. From selecting the right networking equipment to configuring routers, switches, and firewalls, Lyletech ensures a seamless and secure network deployment.



Network Troubleshooting and Issue Resolution

In the event of network-related challenges, Lyletech's expert IT support team is readily available to provide timely solutions. Their skilled professionals possess deep knowledge of network technologies, enabling them to swiftly diagnose and resolve connectivity issues, ensuring uninterrupted business operations.



Network Monitoring and Performance Management

Proactive network monitoring is at the core of Lyletech's Network Managed Services. They employ cutting-edge monitoring tools and technologies to track network performance, bandwidth utilization, and overall health in real-time. This vigilant approach allows for swift detection of potential issues and immediate remediation, reducing downtime and optimizing network efficiency.



Scalability and Flexibility

As businesses evolve, so do their networking needs. Lyletech's Network Managed Services are designed to be scalable and flexible, accommodating changes in requirements, expanding locations, and integrating emerging technologies. This adaptability ensures that the network infrastructure keeps pace with the organization's growth.



Security and Threat Management

Lyletech prioritizes network security to protect businesses from cyber threats and data breaches. Their Network Managed Services include robust security measures such as firewalls, intrusion detection/prevention systems, and regular security updates. The dedicated security team actively monitors and responds to potential threats, safeguarding sensitive business information.



Data Backup and Disaster Recovery

Lyletech offers data backup and disaster recovery services to safeguard critical business data. Regular backups and well-crafted disaster recovery plans ensure that businesses can recover swiftly from any data loss or network disruptions.

Network Performance Optimisation



Network Assessment and Analysis

Lyletech begins by conducting a comprehensive assessment of the existing network infrastructure. They analyze network components, traffic patterns, bandwidth utilization, and identify potential bottlenecks that might hinder optimal performance.



Network Device Configuration and Optimization

Lyletech optimizes network device configurations, including routers, switches, and firewalls, to improve performance and security. They fine-tune device settings to match the unique requirements of the business.



Traffic Optimization and QoS Implementation

Lyletech employs Quality of Service (QoS) techniques to prioritize critical network traffic. By setting QoS policies, they ensure that bandwidth is allocated appropriately for essential applications, guaranteeing smooth data flow and reducing latency.



Network Protocol and Data Compression

By implementing efficient network protocols and data compression techniques, Lyletech reduces data overhead and improves data transmission speeds. This minimizes network congestion and enhances overall performance.



Bandwidth Management and Load Balancing

To prevent network congestion and ensure even distribution of network traffic, Lyletech implements bandwidth management and load balancing solutions. This optimizes resource utilization and enhances user experiences across the network.



Network Monitoring and Proactive Maintenance

Lyletech deploys advanced network monitoring tools to proactively track the performance of the network in real-time. This enables rapid detection of potential issues, allowing for immediate resolution before they escalate.

NOC & SOC Framework

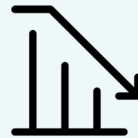


OBJECTIVES

- Rationalize, Modernize and Standardize ITOps & Secops
- Organizational Level Convergence (Common 1st Level Response)
 - Triaging
 - Collaborating
 - Cross-correlating
 - Identify Common Patterns
- System Level Convergence
 - SLA's
 - SOP's
 - Ticketing & Workflow
- Asset Level Convergence
 - Common Aggregator
 - Shared Sensors
- Cost Optimization
- Bandwidth creation for future technology transformations & integration

BENEFITS

Siloed Management does not encourage Operational Convergence across Discrete BU's



Overall Ticket Reduction



Reduction in First Line Resolution



MTR/ MTTD Reduction: Incident & Service Request



Increasing Visibility/ Efficiencies



Business & Service Assurance

Enhanced Customer/ End User Experience

Improved Efficiencies

SOLUTION



INTEGRATED DELIVERY MODEL
Managed Infra and Security Services



INCREASED EFFICIENCY IN IRR
Responses based on the business impact, not cause



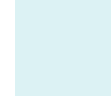
AIOps/ AUTOMATION
Detect to Recovery
Powered by Analytics/ AI



TRUE ENABLERS
Self-Service | Smart Service Desk



SHIFT LEFT APPROACH
Knowledge mgmt. | Problem mgmt.



ENHANCE OPERATIONS
Support Technology Initiative
Optimized Resources

Improved problem resolution and time to mitigation

Converged reporting reduce compliance costs

Tower Building & Support



1 Site Survey and Planning

Lyletech initiates the tower building process with a detailed site survey and planning phase. Their experts assess potential locations, considering factors like signal strength, terrain, and regulatory requirements to identify the optimal tower site.

2 Tower Design and Engineering

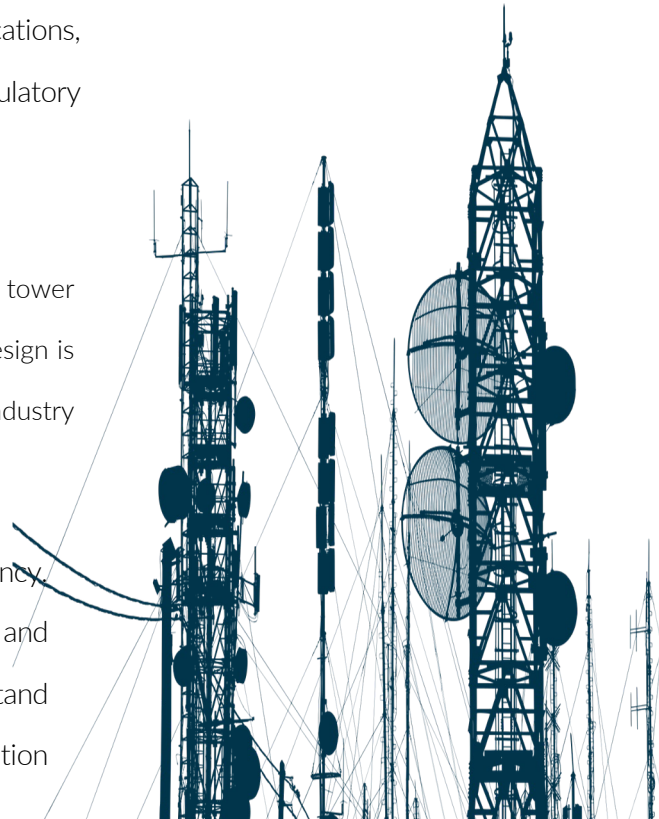
Utilizing cutting-edge design tools, Lyletech creates customized tower structures tailored to the specific needs of the client. The tower design is engineered for stability, durability, and compliance with relevant industry standards.

3 Tower Construction and Installation

Lyletech executes tower construction with precision and efficiency. They handle all aspects of tower erection, foundation laying, and equipment installation, ensuring the tower is built to withstand environmental conditions and support various communication equipment.

4 Permitting and Regulatory Compliance

Navigating through regulatory processes and obtaining necessary permits can be complex. Lyletech assists clients in obtaining the required approvals and ensures compliance with local regulations.



5 Tower Maintenance and Inspections

Lyletech provides regular maintenance and inspections to ensure the tower's structural integrity and performance. Scheduled inspections help identify potential issues early on, preventing costly downtimes and disruptions.

6 Emergency Repairs and Restoration

In the event of tower damage due to adverse weather or unforeseen incidents, Lyletech offers emergency repair and restoration services. Their swift response ensures minimal downtime and continuous connectivity.

7 Upgrades and Technology Integration

To keep up with the evolving technology landscape, Lyletech offers tower upgrades and technology integration services. This includes installing the latest communication equipment and optimizing tower infrastructure for enhanced performance.

8 Tower Decommissioning and Removal

When a tower reaches the end of its lifecycle or needs to be relocated, Lyletech manages the decommissioning and removal process with utmost care and compliance.

Center of Excellence



Specialized Expertise

With Lyletech's COE services, clients gain access to a team of subject matter experts who possess specialized knowledge and skills in their respective domains. Our experts are at the forefront of industry trends and best practices, providing valuable insights and guidance to optimize processes and operations.

Tailored Solutions

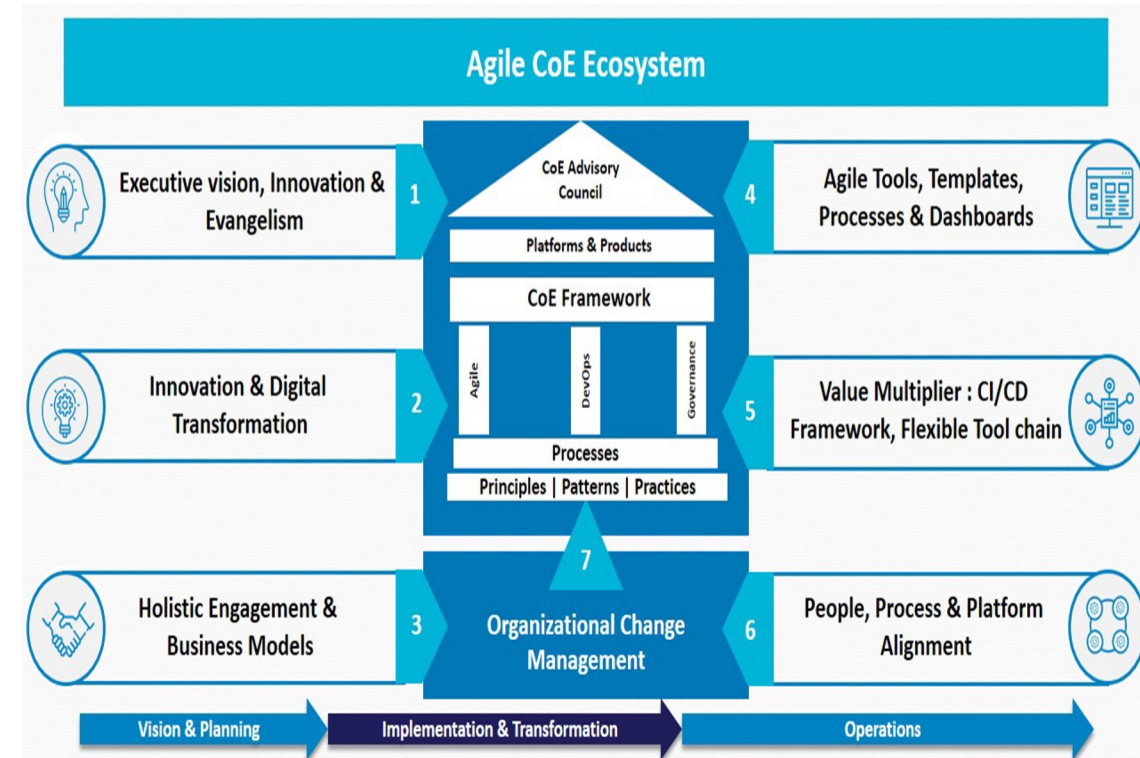
Lyletech understands that every organization is unique, with its own set of challenges and objectives. Our COE services are customized to align with each client's specific needs and goals. We work closely with our clients to design a COE blueprint that addresses their distinct requirements, ensuring a strategic fit for success.

Cross-Functional Collaboration

Our COE services promote cross-functional collaboration, breaking down silos within the organization. We foster a collaborative environment where teams can share knowledge, ideas, and best practices, driving collective success.

Streamlined Operations and Efficiency

Lyletech's COE services streamline operations and reduce redundancies. We establish standardized processes, best practices, and guidelines, ensuring consistency and efficiency across projects and initiatives. By optimizing workflows, organizations can achieve higher levels of productivity and cost-effectiveness.



Strategic Cost Optimization

Through Lyletech's COE services, clients can strategically optimize costs by leveraging resources more efficiently. We help organizations allocate resources strategically, avoiding duplication of efforts and enabling a focus on core competencies.

Cyber Security



Business Continuity and Disaster Recovery Planning

To ensure business continuity, Lyletech develops comprehensive disaster recovery plans and backup strategies. These plans enable companies to recover swiftly from cyber incidents and maintain essential operations.

Network Security

Networks form the backbone of Telco operations. Lyletech ensures robust network security through firewalls, intrusion detection and prevention systems (IDPS), and network segmentation. We establish secure perimeters to prevent unauthorized access and protect against Distributed Denial of Service (DDoS) attacks.

Identity and Access Management

IAM is essential for controlling user access and preventing unauthorized entry. Lyletech implements strong authentication mechanisms, multi-factor authentication (MFA), and access controls to ensure only authorized users can access critical systems and data.

Security Information and Event Management

SIEM solutions are central to identifying and responding to security incidents. Lyletech implements SIEM tools to collect and analyze security event data, allowing us to detect and respond to potential threats in real-time.

Threat Intelligence and Monitoring

Lyletech provides access to real-time threat intelligence, enabling Telcos to stay updated on emerging cyber threats. Our proactive monitoring services ensure prompt detection and response to potential threats.



API Gateway

Acting as the entry point for API requests, enforcing security policies, request/response transformations, and throttling to control access and ensure performance.



Security and Access Control

Includes authentication, authorization, and encryption mechanisms to secure APIs and prevent unauthorized access or data breaches.



Developer Portal

Providing a self-service portal for developers, allowing them to explore available APIs, access documentation, register for API keys, and manage their applications.



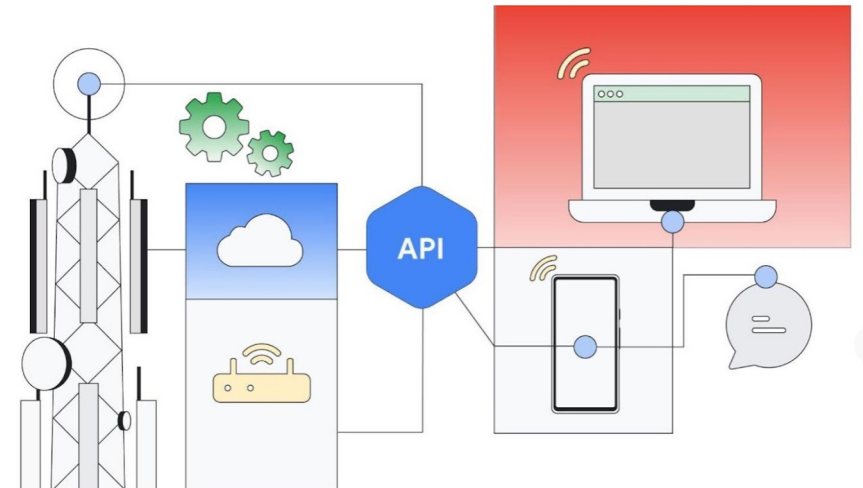
API Monetization

Lyletech Electronics enables Telcos to define pricing models, set usage limits, and manage billing and payments for APIs exposed to third-party developers and partners.



API Lifecycle Management

Encompasses API creation, versioning, retirement, and change management. It ensures that APIs are well-maintained and backward-compatible when changes occur.



Value Proposition



Customization

We understand that each client is unique, and we tailor our solutions to meet their specific needs. Our team works closely with clients to understand their goals, challenges, and vision, ensuring a personalized approach and delivering exceptional results.

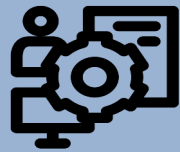
Partnership

We believe in building long-term partnerships with our clients. We foster open communication, collaboration, and trust, working hand-in-hand to achieve mutual success and create lasting value.



Innovation

We are committed to driving innovation and pushing the boundaries of what technology can achieve. Our solutions are designed to empower clients to stay ahead in an ever-evolving digital landscape



Expertise

With a team of highly skilled professionals, we bring extensive expertise in diverse domains and technologies. Our experts stay up-to-date with the latest industry trends and best practices, enabling us to deliver cutting-edge solutions



Customer Satisfaction

Our primary focus is on customer satisfaction. We strive to exceed client expectations, delivering high-quality solutions, exceptional service, and prompt support to ensure their success



EPC & Infra Credentials



- Navy Communication Network (Varun)
- Telangana Fiber



- Army UNMS Project – NNC Delhi, NLDC Delhi, RNC Chandimandir, RNC Lucknow.
- UPDESCO Project – UPSDC Lucknow upgradation



- Nextra-GB-Haryana
- Hexacom MO Rajasthan
- Nextra-GB-UP



- TPA for CHiPS (BBNL Project)

S.N.	Client	Customer	Scope	Total Number of Sites	Location
1	IBM	Navy Communication Network (Varun), Telangana Fibre	SITC of earthing system, CAT-6 cable, PVC pipe, PVC casing capping, flexible pipe and its all related accessories for NCN. Implementation of UPS system and Rack (203 sites). SITC of earthing system, all passive infra and its accessories for BBNL T-Fibre project. Implementation of solar system, UPS system, Rack, FDMS (421 sites).	624	Maharashtra, Goa, Gujarat, Telangana
2	KYNDRYL	Indian Army, U.P. Gov.	SITC of HT/ LT panels, power cable, termination, DCDB, cable tray, industrial socket, earthing system, light fixtures, power point wiring, socket and switch, MS support structure for various data centre locations.	5	RNC Chandimandir, NNC Delhi, NLDC Delhi, RNC Lucknow, UPSDC Lucknow
3	NXTRA	Airtel	SITC of load bank, power cable, termination, DCDB, cable tray, industrial socket, earthing, light fixtures, power point wiring, socket and switch. Civil & interior work like Brick Wall, Cement Pesteering, Steps, fire rated Gypsum partition, doors, Window mineral fibre false ceiling, False Flooring, Nitrile Rubber insulation, Cold Aisle Containment, Painting, Aluminium Partition.	3	Noida, Jaipur, Manesar
4	FEEDBACK INFRA/ IBI GROUP	CHiPS	TPA for 12 Blocks, 929 Gram panchayat & validation of T&D of 4496 KM OFC.	929	Chhattisgarh
Total no. of sites as on 30th Apr 2023				1561	*powered by Edge Telecom

Staff Augmentation Credentials



**29,277
Man
Month**

S.N.	CLIENT	MANPOWER
1	Ribbon (ECI)	69
2	Nokia	93
3	Fiberhome	47
4	Coriant	3
5	PGCIL	58
6	Ciena	11
Total monthly resource count as on 30th Apr 2023		281

Roles: L1, L2 & L3 Field support engineers, IT resources, technical support engineers, project coordinator, lab engineers, program manager, project leader, for NOC/ NMS/ O&M/ AMC/ Field Support & Services and logistics coordinator resources, administration executives, MIS executives. Resources for activity-based assignments.

Networking Credentials



S.N.	Client	Customer	SoW	Total number of sites	Location
1	NOKIA	Bharti, TATA, RJIL, LTC, Vodafone, Idea, Aircel	Site Survey, I & C, ATP, LSPM, Preventive Maintenance, Site Audit	26,346	PAN India
2	CIENA	TATA, Bharti, Vodafone, Sify, Amazon, Facebook	I & C, Link AT, ATP, Network AT, O & M, NOC	692	PAN India
3	FIBERHOME	BSNL, PGCIL, RJIL	Preventive Maintenance, I & C, Site Survey, AT	48,709	PAN India
4	UT STARCOM	BSNL	Site survey, I & C	10,157	PAN India
5	TEJAS	Indian Air Force, Indian Navy	Installation, commissioning & testing	2,914	PAN India
6	HUAWEI	Bharti, VIL	Site survey, I & C	2,303	PAN India
7	RIBBON (ECI)	Bharti, VIL, TATA	Site survey, I & C, AT of NTP	28,079	PAN India
8	FIBERHOME TELECOM	PGCIL	I & C, Site Survey	205	PAN India
9	GENEW	TTL	Rack Installation, Equipment Cabelling, CPAN	36	PAN India
10	INFINERA (CORIANT/ TELLABS)	Bharti, Vodafone	I & C, Link AT, ATP, Network AT, O & M, NOC	1986	PAN India
11	CISCO	RJIL, T-FIBER	I & C of Router	810	Telangana, Tamil Nadu, Maharashtra
			Total no. of sites executed as on 30th Apr 2023	1,22,237	

Services Offered

- Site survey
- Installation & commissioning
- Acceptance testing of Optical/ Packet/ GPON/ CPAN/ MNG-PAN nodes
- Link integration, link commissioning, link testing.
- Network AT (Field Support for Switching Test etc.)
- ILA insertion in live links
- ILA to OADM/ TM conversion
- Migration, traffic shifting
- Nodal AT/ Link AT documentation & sign off.

ISO Certifications

ISO
CERTIFIED

We are an ISO certified company and strictly follow specified ISO certified guidelines and ensure professional business ethics and customer-oriented code of conduct.

- Business continuity management system (ISO 22301:2012)
- Environmental management system (ISO 14001:2015)
- Quality management system (ISO 9001:2015)
- Information security management system (ISO/ IEC 27001:2013)
- Occupational health & safety management system (ISO 45001:2018)

Contact Us



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Thank You

