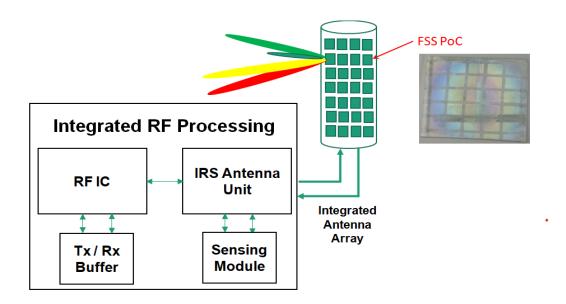


Digital Communication Innovation Square (DCIS) under Champion Services Sector Scheme (CSSS)

Heterogenous Communication Technologies Pvt Ltd



- To design, develop and optimize the femto-cell modem for 5G and B5G systems that enable smart radio environments and support systems with on demand beam coverage for enhanced mapping and localization controlled through algorithms embedded in an FPGA system.
- To reduce latency and improve throughput by appropriate design of time-coding sequences towards the generation of desired frequency components for dynamic sensing of 5G, IoT and M2M devices.
- To test and validate the developed B5G modem

Prototype: 5G Antenna for Sub-6GHz Application

Solution: 5G is the key front-end component towards the evolution of small cell in Fifth Generation (5G) systems. The project aims to develop frequency selective surface antenna for sub 6GHz 5G application.

Uniqueness: Development of multi-band antenna for 5G, IoT and LoRA application.

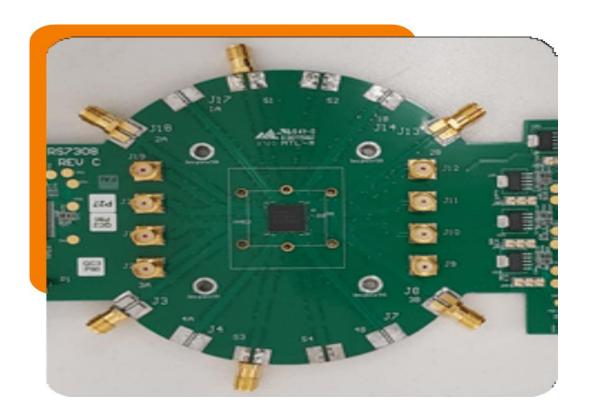
Contact Details

Name of the Project Lead: RAJESH A

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Versatile Antenna Systems



The foundry proven VAS7308 core IC product line is a beam forming ASIC that addresses the market segment of phase array and antenna beam forming for radar and 5G wireless communication and satellite applications. Availability of foundry proven core IC meets the technology readiness requirement (TRL) level of 7 with development of adaptive antenna systems (AAS) using available core IC's. The critical advantage for VASBEAM to develop Adaptive Antenna Systems is the ownership of the Beamforming ASIC which is already in production

Contact Details

Name of the Project Lead: Amit Borundiya

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Aheesa Digital Innovations Private Limited



Aheesa™ ECQ6018A is a single board edge computing platform with integrated Al modules designed, developed, manufactured and supported from India for OEMs to develop Edge Computing Devices such as Routers, Firewalls, IoT Gateways, RTUs, etc. The platform is designed with flexibility and with integrated Nimbus Controller Management to achieve customised requirements and cost considerations.

Contact Details

Name of the Project Lead: Sridharan Mani

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Astrome Technologies Private Limited



GigaMesh 5G is a ground-breaking wireless backhaul and midhaul solution to enhance the deployment of the 5G network. It utilizes Astrome's patented millimeter wave wireless technology and will be capable of delivering high capacity (up to 8Gbps) required by 5G sites. GigaMesh 5G functions in E-band, and unlike other E-band backhaul solutions, GigaMesh forms multiple point-to-point (Multi-P2P) links. GigaMesh forms 6 non-interfering point-to-point links with a single radio and antenna.

Contact Details

Name of the Project Lead: Neha Satak

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Astromeda Space Private Limited





Astromeda develop technology to access the health vitals and stress factors of individuals using e-fabric based tele health monitoring systems. It is a simple vest (wearable & washable) which is capable of collecting health data (Heart rate, RR, BP, Spo2, temperature, ECG, EMG& EDA) of individuals continuously. The collected data from AstroMon will send to the cloud using 4G/5G telecommunication and doctor can assess the data remotely and assess the health of the patient.

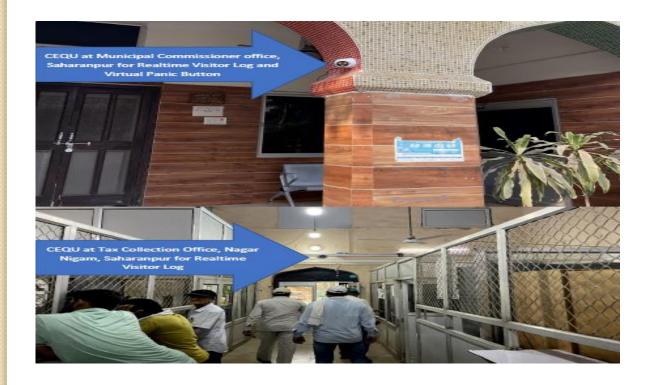
Contact Details

Name of the Project Lead: Rajagurunathan K

Mobile Number: 8553727320 Email ID: rajaguru@astromeda.in



CEQU LABS Pvt. Ltd.



CEQU Labs has solved surveillance problem with one of a kind integrated Video Surveillance and Security system built on an AI powered. The answer lies in an OEM IP based IoT camera relayed from our own servers based designed to bypass Chinese servers powered with additional layer of security through Blockchain authentication at the login stage for users. The platform also provides features of video analytics through AI based face recognition detection technologies provided as SaaS Platform.

Contact Details

Name of the Project Lead: Kumar Satyam

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Cimware Private Limited





CIMware's product / solution is based on awarded US patent #: US9892079B2 that enables CDI at cloud DC with its ToR switch, a world's first CCNA that pools disaggregated compute, network & storage devices and make them available as direct attached devices on demand thereby reducing Data Center's higher TCO.

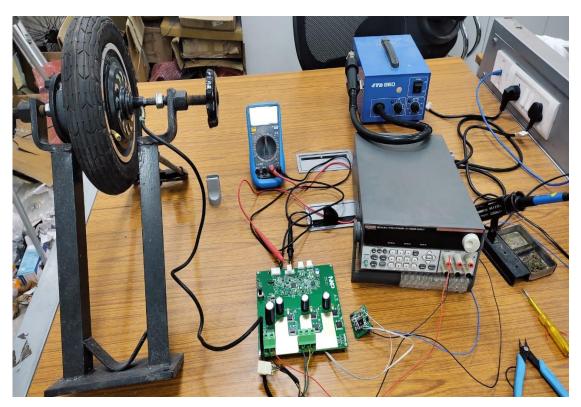
Contact Details

Name of the Project Lead: Rajiv Ganth

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E2EM TECHNOLOGIES PVT. LTD.



- Two different design prototypes are ready and tested.
- Pre-production batch of 15 Vehicles are ready and under testing.
- Phase 1 IOT Module and Mobile app are ready.
- Indigenous Motor Controller Development is going on with IIT Delhi and NXP Semiconductors.

We are a Micro-Mobility Startup Working on the Development of a Smart and compact Electric Moped. We are introducing a new way of Urban Commutation in India. We are a govt. of India registered startup working in Limited area mobility space, Incubated at Electropreneur Park Delhi.

Contact Details

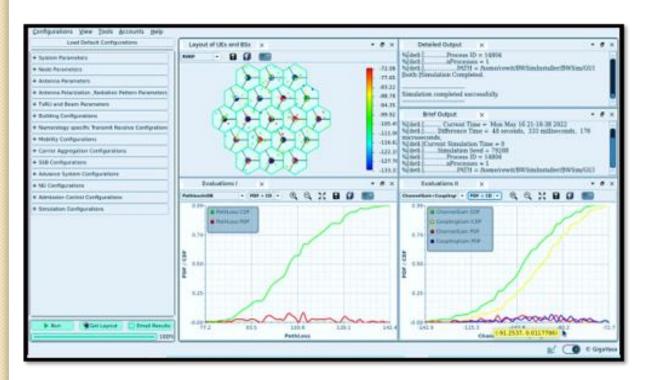
Name of the Project Lead: Pankaj Yadav

Mobile Number: 9716853364

Email ID: info@e2em.in



Gigayasa wireless private limited



We build system level simulation and emulation tools for 5G, Beyond 5G and 6G wireless networks. Currently we are offering two simulators BWSim4G and BWSim5G (two variants: BWSim5G-T22 and BWSim5G-R22) and developing 5G Advance Simulator. Our simulators are used by both industry and academia.

5G-Advance Simulator is a first-of-its kind system level simulator for latest 5G technology to support a wider set of use-cases based on latest release of 5G standards. In this simulator, we aim to implement features for 5G-Advance based on 3GPP release-17 standards and latest agreements in 3GPP release-18.

Contact Details

Name of the Project Lead: Ravinder Singh

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Email ID: ravinder@gigayasa.com



KRATIKAL TECH PRIVATE LIMITED



Kratikal is one of the leading cybersecurity companies known for its state-of-theart security solutions which includes cyber-attack simulation and awareness tool, email authentication and anti-spoofing solution; anti-phishing, fraud monitoring & take-down solution; phishing incident response, Risk detection & threat analysis and code risk review

AutoSecT is a vulnerability management and penetration testing tool that allows organizations to test projects while keeping a track of their progress at any phase along with the provision to download the project report after its completion.

Contact Details

Name of the Project Lead: PAVAN KUMAR

Mobile Number: 7042292081 Email ID: pavan@kratikal.com



Nimble Vision Pvt Ltd



Nimble Vision is into smart water & sewage management using IoT & AINi-The Smart Manhole Monitor: A unique solution brings water & sewage level and quality details based on 5G, Vision & AI, ML

- A pilot being done in Faridabad smart City to automate the manholes. This is a sensor based and 4G solution
- 5G, Vision and AI, ML based proto type is developed
- Developed solution based Qualcomm SDX55 a 5G module and show cased the results
- App & Web dashboards are already completed

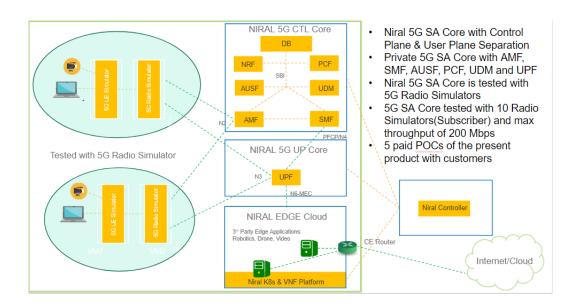
Contact Details

Name of the Project Lead: Chinnayya Math

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Niral Networks



Niral Networks provide a comprehensive cloud-native 5G Core and Edge infrastructure platform for Enterprises that can be easily integrated with commodity hardware and 5G Radio to provide an affordable low latency, reliable indoor/outdoor connectivity to optimize emerging applications like Drone, Robotics, IOT, AR/VR, AGV, AI in Mining, Oil & Gas, Power, Railway, Port, Shipping and manufacturing industries.

Contact Details

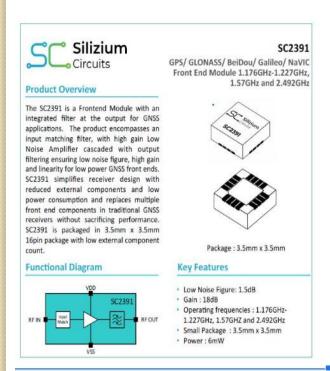
Name of the Project Lead: Abhijit Chaudhary

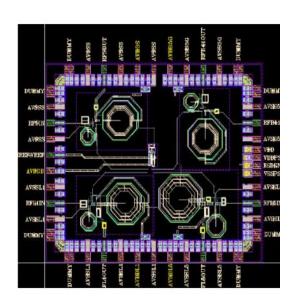
Mobile Number: 9886179612

Email ID: abhijit@niralnetworks.com



Silizium Circuits Private Limited





Silizium Circuits is an Analog Radio Frequency Semiconductor IP and Services venture based out of IIT Hyderabad FabCI. The company focuses on developing indigenous IPs for a wide range of wireless applications like 5G, GNSS, IoT, Smart Mobility, AL ML etc.

LNA with integrated S AW, Small Footprint with multiple band support, Less components and cost, Lower BOM, In built filtering, High fidelity reception, One solution catering multiple frequencies and domains

Contact Details

Name of the Project Lead: Rijin John

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Email ID: r.john@siliziumcircuits.com



Spvss Pvt Ltd



SPVSS, An Innovation Solution Provider technology of using an cutting edge of 5G enabled , IoT solution for private/public/Security Vehicle Security, Smart Parking system , Vehicle Management , Tracing and Monitoring Vehicle. SPVSS the Smart parking and vehicle management solution for Traffic, Transport, Security and Tracking linked with Back office monitoring and individual mobile apps. SPVSS winner of best 5G usecase by DoT in phase 1. Selected "Covidthanon 2020 by Govt of Jharkand" .

Contact Details

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Techie Amigos



Our blockchain and IoT powered SaaS based platform ProvenienceX helps companies to bring traceability, security, sustainability and efficiency in their supply chain. By deploying ProvenienceX blockchain they can better manage recall, have real time visibility, work on anti-counterfeiting and bring much needed efficiency in their supply chain. IoT powered Blockchain helps in automating critical data collection ensuring there are no manual errors and critical time and money can be saved

Contact Details

Name of the Project Lead: Aashutosh Bhardvaj

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Ushva Clean Technology Pvt Ltd



Flowlinc - Next-generation Industry 4.0 IoT edge device used for remote data control equipped with device management & analytics.

- a) Industry & platform agnostic
- b) Built-in all connectivity
- c)Compact in size
- d)On-device storage
- e) Easy to integrate with all sensors & protocol.

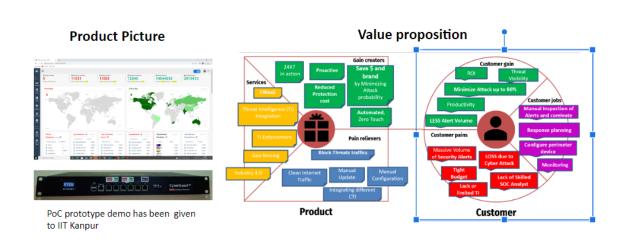
Contact Details

Name of the Project Lead: Ashutosh Kumar

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Xten Networks India Pvt. Ltd.



The xTen CyberGuard™ solution works as a Front-line defender of the enterprise data networks and helps to enforce an Integrated Cyber Defense mechanism to minimize cyber risk with Zero-Touch automated Cyber Threat Intelligence (CTI). It cleans internet traffic. Stop threats before they act. Intervene at earliest stage before threat penetrate deep inside networks. Enable lowest possible threat mitigation and response time.

Often organizations identify cyber-attack post facts i.e. after it happened, where threats penetrated deep inside. XTEN cleans Internet Traffic powered by real-time shared Threat Intelligence for those who want to minimize cyber risk and to reduce per Mbps protection cost by providing Next gen Front line Cyber Defense Platform (aka Intelligence Firewall as Service FWaaS) based ond SDN approach.

Contact Details

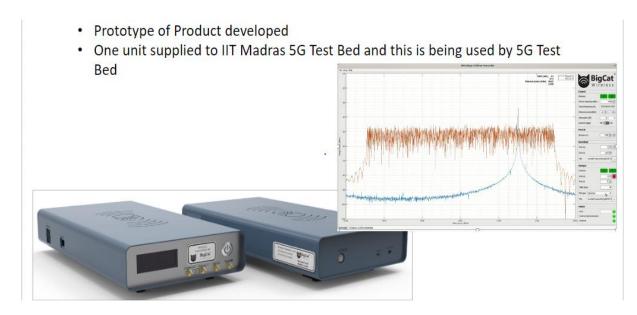
Name of the Project Lead: Nitish Kundu

Mobile Number:9620962511

Email ID: nitish@xtennetworks.com



BigCat Wireless Pvt Ltd



BigCat Wireless focuses on developing innovative solutions in the Wireless space. These innovative solutions are a result of the deep Research focus on advanced Wireless Technologies and pioneering in translating these innovations to solutions using well defined and predictable engineering methods. BigCat Wireless is focusing to develop multiple solutions and products with a **Vison of Design in India and Make in India**. BigCat Wireless has a rich solution portfolio that enable accelerated time to market in the wireless space. Reference Designs are available on request and can be customized for specific market needs. The solutions portfolio includes Algorithms, IPs, solutions and ready to deploy products.

The Wireless Channel Recorder is SDR (Software Defined Radio) based platform that can be adapted to numerous Wireless Standards. The Wireless Channel recorder can used as a Wireless Test Instrument, as a Wireless recording device or as a Wireless Surveillance device. Various Wireless protocols can be supported through additional SW profiles. The USP is a SDR platform scalable with various SW profiles to support numerous Wireless Standards

Contact Details

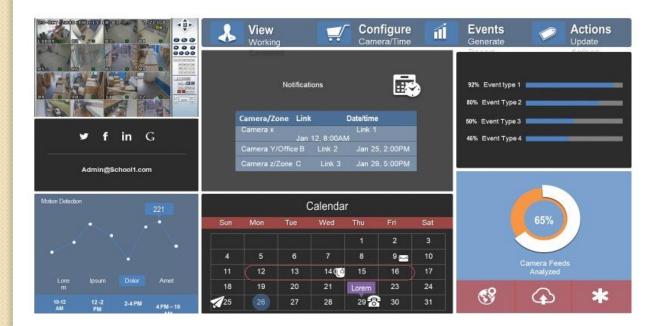
Name of the Project Lead: Kannan G

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Email ID: kannan@bigcatwireless.com



Calligo Technologies Pvt Ltd



Calligo Technologies is a Bangalore based start-up focused on development of products and solutions serving HPC, BigData and AI/ML segments to global marquee enterprises. The leadership team comes with collective experience ininternational companies of more than 100+ years with wide exposure to Compute, Storage and Semiconductor Industry

Smart video solutions are expected to have enough intelligence to analyze video in real time and take actions that humans were previously relied upon to do. In some cases, smart cameras may see things a trained human eye cannot easily see. Ultimately, smart video is being sought to deliver critical assistance to help reduce crime, ensure public safety, and improve operational efficiencies. The far more popular choice, outdoor wireless security cameras are one of the first lines of defence again

Contact Details

Name of the Project Lead: Dr Sriganesh Rao

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Email ID: sriganesh.rao@calligotech.com



Chipspirit Technologies Private Limited





Chipspirit has developed First in the world fully hardware-based encryption platform for High Grade Secure communication. The first product-Abhed1 has commercial applications in finance and critical-data transactions. With our Hardware based encryption solutions the transactions shall be faster, and ultrasecure with Zero backdoors, NIL-Virus/Malwares and No hardware-trojans. The present platform supports USB-3.0 and Ethernet-1G data transfers. We are the iDEX Winners for DISC1.

Contact Details

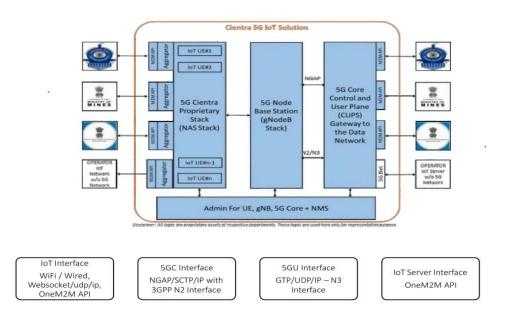
Name of the Project Lead: Mohan Kumar Jindal

Mobile Number: 9500093999

Email ID: mohan.jindal@chipspirit.com



Cientra TechSolution Pvt Ltd



The solution will enable all Government systems and services based on 5G IoT gateway which will standardize the gateway and future 5G / 6G based features like FRMCS, PushToTalk, etc.

Government Departments will be free from being struck with a specific vendor Our servers will be located securely within India

We can make a truly Atmanirbhar 5G automated securing signaling system

Contact Details

Name of the Project Lead: Ganesh R

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Email ID: ganesh.ramalingam@cientra.com



COSGrid Systems Private Limited



Secure 5G Network, cost effective and flexible Access Networks is a critical a requirement. With the expected massive rollout for 5G cell sites and billions of IoT devices getting connected, there is going to be multi fold increase in threat surface. COSGrid 5G security can protect the network against zero-day attacks and DDoS and can handle IoT attacks at Scale. Delivers a cost effective 5G deployment through converged, container native edge platform and 5G FWA.

Contact Details

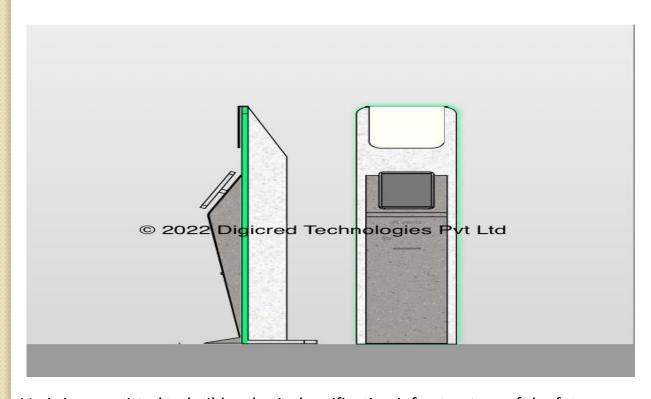
Name of the Project Lead: Murugavel Muthu

Mobile Number:9022764534

Email ID: murugavel@cosgrid.com



Digicred Technologies Pvt Ltd



Veris is committed to build a physical verification infrastructure of the future enabling seamless authentication, faster access and elevated experience to billions of people across the globe.

Veris is transforming the manner in which work premises and high security zones are accessed, consumed and experienced through a safe, human-centric and scalable AI-driven approach.

Contact Details

Name of the Project Lead: Varun Gurjar

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DSPWorks Automation and Wireless Network solutions Pvt Ltd



We are an IoT company with products in home and industrial automation and process improvement. We make Radio modules, applications and manufacture the entire product in India. We are ODM for leading Tier-1 OEMs in India

A home data storage, cloud access and IoT products/ energy analytics. The cloud storage is made affordable with rich set of applications integrated.

Contact Details

Name of the Project Lead: Akshay Mishra

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Dweepi Innovations Private Limited



Dweepi Innovations works on solutions for Railways with focus on RailTech, IOT, Robotics and AI/ML technologies.

Portable Track Geometry Measurement System monitors the health of the railway track. It measures railway track parameters under track floating conditions (as specified in RDSO specification) and also records visual inspections for track defects.

* The inspection data is sent to a central server for remote analysis by concerned railway officials. ?

Trolley does not have dependencies on other machines or track schedules that makes it easy to use any time for track monitoring. ?

Value Preposition

- MVP ready
- · 1st field testing completed
- Development / Improvements in progress as per results of 1st field testing
- 2nd field testing will start in 2 months

Contact Details

Name of the Project Lead: Kishore Bodagala

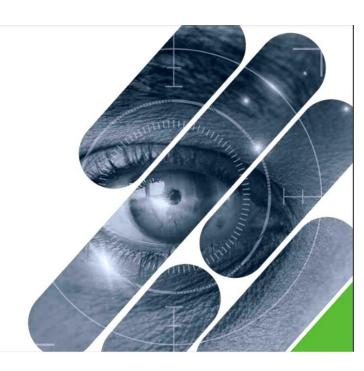
Mobile Number:9148542442 Email ID: contact@dweepi.com



Echelon Edge Private Limited



powered by AI & Automation



PoC Plan

Currently PoC is going on at BSNL for OSS

Based on the roadmap, the BSS application is under development.

PoC for BSS will be planned with TSP/ISP once the product prototype is ready.

Value Proposition

- Multiple Business Lines Designed for supporting B2C, B2B, Fixed Line, and Cloud Business Lines
- Intuitive, fluid visual interface to build & edit Flows and Rules your design becomes the actual implementation
- Multi-Tenancy support multiple operators with distinct verticals within a single BSS platform and Cloud Native
- Faster Time to Market- Echelon Edge BSS gives control to Telcos to

Contact Details

Name of the Project Lead: Mr Sumit Sharma

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Elena Geo Systems



This is a handheld device that will use the NavIC for navigation and 5G networks for map data transmission

Company working in NavIC based solution. Has end to end presence from NavIC antenna, processor to the full system required for using NavIC

Develop a handheld device that will use NavIC Signals, use Authorised maps of Survey of India and use 5G networks for high data bandwidth operations. The device will be compact, light weight, have battery that works for long duration, easy to carry in field

Contact Details

Name of the Project Lead: NavIC Navigator using 5G networks

Mobile Number: 9564168932

Email ID: velan@elenageosystems.com





Kenstel Networks is a company founded by individuals from IIT Delhi with a passion to manufacture world class wireless products from component level. Company is manufacturing products such as Access Points, Mesh routers, UBR Radios, GPON and repeaters. They are developing three different models of 5G CPE for home and enterprise applications

Unique Cascade Gain antennas for extremely high range on mmwave Inbuilt Gateway with switch to enable Multi subscriber service

Contact Details

Name of the Project Lead: Dhruv Kansal

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Lekha Wireless Solutions Pvt Ltd



Lekha Wireless Solutions is a Bengaluru based deep tech company in the area of wireless telecom and defence communication space. Started in year 2010, today we are a team of 200+ Engineers with leadership team comprises of telecom experts with 2 to 3 decades of experience in wireless product development and deployment. We are OEM for Telecom infra products, SDR Products and we also License Software Stacks Radio Access Network.

Total design control starting from Low PHY to the passive array antenna design enable quicker design updates for larger product penetration.

There are specific innovation in design that cut down the overall power consumption of the RU. 5G NR – 1 US patent granted, 9 in first stage review

Contact Details

Name of the Project Lead: Ramu TS

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Matrix Shell Technologies Pvt Ltd



Matrix Shell is telecom security services and product company. We provide services to mobile network companies and help them security their network. We have collective experience of More than 20 Years in this field.

We propose Telecom Secure Scanner, a unique solution which will help telecom operator to detect telecom security threats and a platform to maintain security posture and compliance

Contact Details

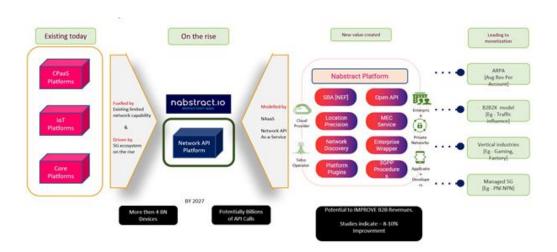
Name of the Project Lead: Akib Sayyed

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Email ID: akibsayyed@matrixshell.com

nabstract.io

Nabstract Technologies Private Limited



Nabstract.io is building a portfolio of network applications that provides developers of different industry verticals like gaming& media, industrial IOT, finance, healthcare, V2X platforms to use APIs that expose device, location, network quality, service experience & other network related parameters utilizing the public or private 5G network function capabilities.

Value Preposition

- POC has been completed as Part of the Intel Network Builder Program, in the Intel. This Live POC, and is accessible for Demonstration.
- Based on the POC, Nabstract has been Certified as Intel Gold Network Builder Partner.

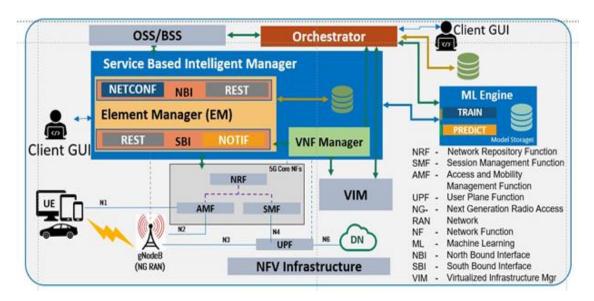
Contact Details

Name of the Project Lead: Vaibhav Mehta

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NMSWorks Software Private Limited



The Management and Orchestration product provides comprehensive element and network management with resource and service orchestration capabilities for 5G networks. It supports advanced analytics using machine learning to predict performance degradation, achieve service quality and resource optimization. It complies with global standards and ensures smooth integration with third party systems. It will be a secure and indigenous management system for key government sectors using 5G.

Potential Customers:

- ✓ Government departments and entities like Indian Defense, Railways, Public safety.
- ✓ TSPs in India like BSNL, Bharti Airtel, Reliance Jio, Vodafone Idea or telecom operators outside India
- ✓ 5G Solution providers and OEMs in India like TCS, CDOT, Tejas etc.
- ✓ Enterprise infrastructure providers like L&T, Tata Communications, Sterlite etc ...

Enterprises who deploy 5G in the areas of manufacturing industries like automobile companies.

Contact Details

Name of the Project Lead: A MANICKAVASAGAM

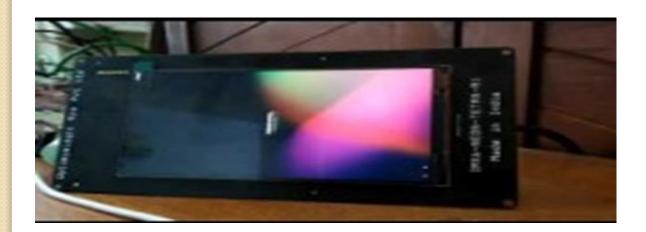
Mobile Number: 9841356366

Email ID: manickavasagam@nmsworks.co.in



OptimusLogic Systems India Private Limited

MUKTH: INDIA'S 1ST INDIGENOUSLY DESIGNED GLOBAL MOBILE COMPUTING FAMILY FOR EDUCATION, SKILL DEVELOPMENT, SECURITY, COMPUTING & BUSINESS is our unique academia-industry joint proposal of OptimusLogic Systems and IIT Hyderabad to design, manufacture, and launch, a complete family (Mobiles, SBC, Tablets, Laptops) of converged open-source mobile computing devices with an open innovative hardware design, with built-in skill development features relevant for India and emerging countries.



Value Preposition

- Place where PoC has been done
 - ✓ Hyderabad @ IIT Hyderabad, Bangalore @ Optimus Office
- Any other information to support your claim
 - ✓ Please refer to Video link above
 - ✓ NxP iMX Platform with stock Android, custom Display, Touch
 - ✓ Demo shown to Bharat Electronics Limited, Bengaluru for possible partnership for product launch (Appreciated and parked)

Contact Details

Name of the Project Lead: Chandrakumar Chettiar

Mobile Number: 9866677117

Email ID: ck@optimuselectronics.com



R2E Technologies Private Limited

R2E Technologies, a R&D company focusing on building next generation technologies for commute, human tracking & monitoring. A team of Tech and Research focused mindset people impacting the R&D work culture, by bringing Innovations and helping startups, individuals and enterprises One of core product, RAHI is Hybrid Indigenous IoT enabled Patented Technology (Granted Patent: 343445) which helps to track and monitor the users on real-time, in presence and absence of network.





First Level of Testing Done: in Dehradun Uttarakhand, near hill region of Sudhowala; and also, in Rishikesh

Stage of Product: First level of testing on prototype is done. Patent is granted for technology. SaaS based model is underway of development. With 25L of STPI Fund, product development is underway.

Funds from another Agency:

STPI Ministry of Electronics and Information Technology

Purpose: Under Chunauti 2.0 for technology development, equity-based SEED fund of 25 Lakh is sanctioned to the R2E Technologies Private Limited, (managed by PONTAQ)

Contact Details

Name of the Project Lead: Renu Thapliyal

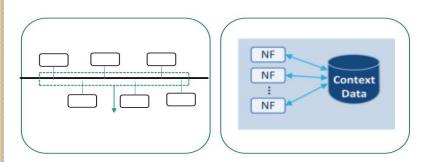
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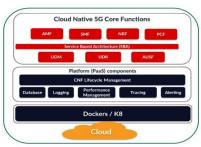
Email ID: techcounsellors@gmail.com



Resonous Technologies Pvt.Ltd

4G & 5G RADIO NETWORK, CORE NETWORK, MANAGEMENT SYSTEM





PoC with Indian RAN

Market Potential: The 5G core market revenues are expected to reach a market size of US\$ 14.7 Bn by 2032. (Estimated at US\$ 1.1 Bn in 2021)

Addressable Market: 2.94 Bn by 2032 [MNO & Enterprises/Verticals]

Contact Details

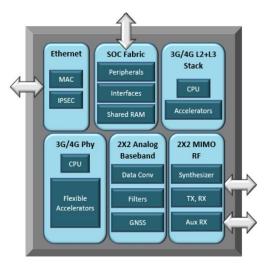
Name of the Project Lead: Subbaiah

Mobile Number: 7022859850

Email ID: subbaiah@resonous.com



Signalchip Innovations Private Limited



 Implements all functions of a 2x2 dual carrier MIMO LTE and 3G base station in a single chip.

Amongst the most integrated chips for base-station functionalities in the world

- Covers all LTE bands up to 6GHz.
- Enables ultra-compact indoor small cells with minimal external components.
- Inbuilt GNSS including Indian NavIC!

Signalchip has designed and develo

₹F 4G/3G Baseband, Ethernet MAC, Packet processing accelerators and a nost of IPs required for SoC. Agumbe chipsets targeting wireless networking equipment has

been taped-out, engineering samples, development boards and reference designs

are available.

Signalchip is developing/enhancing 5G chipset IPs and corresponding software for its next generation chipset offering with high capacity, high throughput solutions. The development of IPs typically includes system-architecture, C/Octave modeling, micro-architecture, coding, schematic creation, simulation, synthesis and layout. These IPs will be demonstrated in simulations, FPGA and/or (shuttle) test chips as suitable.

Contact Details

Name of the Project Lead: *Himamshu G kahsnis*

Mobile Number: 9880222731 Email ID: corp@signalchip.com

Signaltron

Signaltron Systems Pvt limited

5G/4G BBU, RRH, DU and RU System development based on Indian Chipsets



- 1.5G/4G, RRH/RU
- 2.5G/4G, BBU/DU
- 3.5G Massive MIMO RU.

Signal Tron systems are built using Signal chip's Agumbe series of chipsets for Radio Access networks and is focusing on developing fully indigenous wireless systems.

Domain Thrust Area:

Radio Access Network solutions

Signaltron Systems Pvt Ltd is a Bengaluru based wireless communications solutions provider focusing on full system solutions for customers making available indigenously built systems in a ready to deploy form factors.

Contact Details

Name of the Project Lead: Himamshu Khasnis

Mobile Number:9003852702 Email ID: corp@signaltron.com



Sooktha Consulting Pvt Ltd



M/s Sooktha provide Layer 2 and Layer 3 software for 5G NR gNB. Our software runs on standard hardware. It is easily portable to multiple processor architectures. heir software supports multiple Layer 1 implementations via a standard interface. Their software can be deployed with the Layer 1 and RF module integrated or with a part of the Layer 1 and the RF module in a separate Radio Unit (RU). This allows our end-customers the choice of hardware platform, Layer 1, and deployment.

Value preposition

- gNB SA L2/L3 software integrated with L1/RU from partner for full gNB soln.
- gNB tested with partner 5G core and commercial phones (Samsung, OnePlus)
- Campus trials in Q3 22
- Key feature set:
 - 3GPP Release 15 Compliant
 - Single Sector, up to 100 MHz Operating Bandwidth
 - Up to 128 active/connected users, 16 users per slot
 - · Downlink 4 layers and Uplink 2 layers
 - QoS Aware Scheduler

Contact Details

Name of the Project Lead: Ambarish Anjaneyareddy

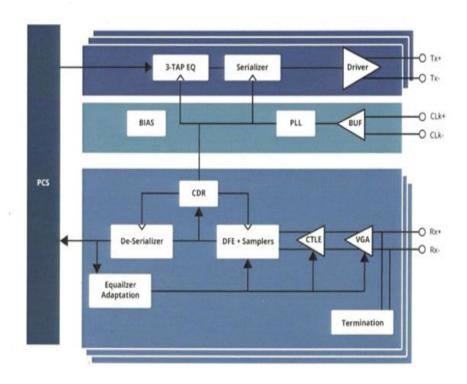
Mobile Number:9900576979

Email ID: ambarish.a@sooktha.com



+

Terminus Circuits is into design & development of High Speed Serial Links, which are corner stone IPs for building the High Performance Computing systems. We have our flagship products/IPs of USB, PCIe, MIPI, ethernet, Multi-std SerDes. We are providing our solutions at ASIC level to the OEM's who are into HPC, AI, SSD-Storage, 5G and Network On Chip (NOC) application.



Product Development Stages-

- 1. Tape out Ready Database*
- 2. Marketing Ready Product

Contact Details

Name of the Project Lead: Dr. Sankar Reddy

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Velmenni R&D Pvt Ltd





They have worked upon Li-Fi technology to provide seamless wireless connectivity in Indoor environment. LiFi uses light as a medium to transmit data wirelessly. It's a fully networked indoor wireless technology. Using the visible/invisible part of the light spectrum it transmits data, unlike WiFi which operates on radio frequencies. Simple to connect, smooth run, secure function, and interference-free data transfer are the key USPs of our LiFi product.

Value Preposition

Currently they have designed prototypes & solutions of Li-Fi Access Points, Dongle. We have been putting continuous efforts directed towards miniaturization & performance upgradation of their products.

LED light to User connectivity of 400 Mbps throughput High speed & secured bidirectional communication in Defence Offices, Industrial, Medical & Enterprise.

Multiple User Access & Mobility

- PoC has been done at the followings:
 - ✓ CME Pune
 - ✓ DIT, Sena Bhawan
 - ✓ Naval Dockyard, Vizag
 - ✓ CRL, BEL

We have received the PO from Bharat Electronics Limited, CME Pune, Indian Navy and successfully delivered the POC. Our current system is still deployed at mentioned places. We can provide a reference if required.

Contact Details

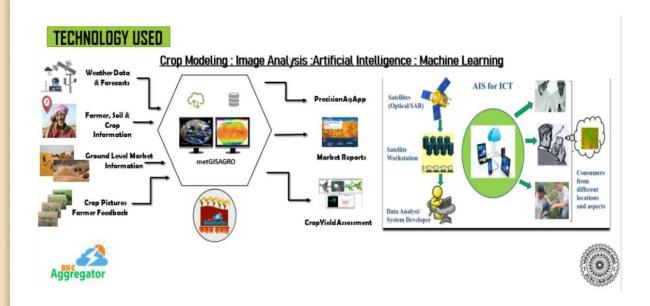
Name of the Project Lead: Deepak Solanki

Mobile Number:8800968965 Email ID: deepak@velmenni.com



BKC Aggregators Pvt Ltd and Dirgadhi Technologies Pvt Ltd.

The main objective is towards maximising production & minimizing wasteful expenditure/Losses in farming through Technology: This project envisages to use digital technology in various forms to aid farmers reduce wasteful expenditure and increase their yield. An ECONOMIC IMPACT ASSESSMENT OF AGRO-METEOROLOGICAL ADVISORY SERVICE by the National Centre for Medium Range Weather Forecasting has suggested that there is a significant improvement in yield if knowledge-based services are used for farming



Value Preposition

- service through an APP (Already operational countrywide- 6 languages)
- PoC has been done countrywide.

Won Agril Grand Challenge 2019 & COAI For best Agril App

Contact Details

Name of the Project Lead: Dr B K Singh Weather Systems

Mobile Number: 9810062673 Email ID: bk@weathersysbkc.com



Coral Telecom Ltd

Private 5G would be a high bandwidth low latency wireless network that will become the backbone for Industry 4.0. It would find applications in almost every segment and will have innumerable use cases in Ships, Submarines, Disaster management, Railways etc.



Value Preposition

- PoC has been done at 13th Floor, Sanchar Bhawan, Delhi, in between:15th to 18th May, 2022
- End customers don't buy RAN or EPC or IMS or NMS they buy a solution and the objective under the project is to create integrated solution for customer needs.

Contact Details

Name of the Project Lead: Coral Telecom Ltd

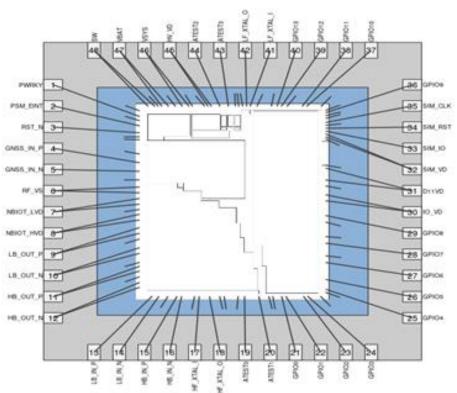
Mobile Number: 9891499300

Email ID: rajeshtuli@coraltele.com



Wisig Networks Private Limited and IIT Hyderabad





Value Preposition

- A custom silicon for NB-IoT+GNSS
- Very small foot print
- <10 sqmm including radios
- Very low power years of battery life
- SoC architecture with several functional power islands
- ROM based very small foot print for stack
- NB-IoT and GNSS time shared using a single DSP
- Differentiated PHY and stack patented algorithms
- Strong patent portfolio

Contact Details

Name of the Project Lead: Naresh Vattikuti

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