

TriSpace Technologies (OPC) Pvt. Ltd.





INDUSTRIAL
INTELLECTUAL
PROPERTY AWARDS 2021

Startup-ICT/Services - Patent

TriSpace Technologies (OPC) Pvt. Ltd

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TriSpace Technologies specializes in DSP Multimedia signal processing on custom DSP/CPU/ASIP with a strong focus on low power solution. We do more Mbits of signal processing for the same current consumption.

<https://www.trispacetech.com/>

- Date of Incorporation/Registration: 03-Dec-2015
- Name of the Founder(s) / Director(s)
N. Vijay Anand

- Power optimization In Mobile devices
- IP SoC design/Performance improvement
- CPU vendors can benefit from the Patents to promote their cores in Platform SoC design
- Mobile devices today have battery life 10-24 hours

We seek to increase battery life of mobile devices by 4x (80-100 hours)

- TAM over trillion devices including Mobiles, wearables, IoT

- Software Updates only needed
- Independent of manufacturing technology
- Applicable to past, present and future devices

Product/ Solution - Readiness Level

- Granted Patent - US Patent 10,390,309 and 11330526 and Indian Patent 302,522; 337,384; 353,553; 368380
- Patent Application filed - US Patent 16/891,343;17/340465
- Proof of concept completed and endorsed by Mobile chipset maker giant
https://partner.qualcomm.com/sites/Hexagon/Pages/Ecosystem_Service_Partners.aspx
- Development, integration and ramp of host of software stack in pipeline

- Target customer include:

CPU vendors Intel, AMD, ARM

Platform SoC designer/makers QCOM, MTK

Mobile OEM handset maker Samsung, LG, Google, Apple,..

- IP based technology solution licensing to these players

Market Landscape - Market Potential, Competitors

- All mobile chipsets stand to benefit. There are billion devices in market - past, present and future versions of handsets.
- Multimedia solution can be integrated in other form factor devices as well, as a plug-n-play component offering differentiating current consumption or battery life.

- Integrate solution in OEM handsets, thereby enhancing OEM brand in market
- Leverage third party partnership from Mobile chip company, San Diego, US to integrate new software features to increase the offerings
- Build a bunch of critical software stack for power optimization and offer them to OEM.
- Global events participation MWC, Barcelona

- Team Size 1
- M.E. Electrical Engineering, IISc., 22 years experience.
- Efforts in past have resulted in solution being ramped in millions of devices
- Patented technology + Qualified in third party partnership of Qualcomm
- Amongst top 10 ICT startup companies in 2020 by ASSOCHAM



Thank You !!

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