



AdCept Technologies Pvt. Ltd.

General Business Information

- Name: AdCept Technologies Private Limited
- Regd. Office Address: 14 Mandeville Gardens, Kolkata 700019
- Design Center Address: 168 Jodhpur Park, Kolkata 700068
- Phone Number: 033 4061-2433/ +91 98363 95767
- Email: info@adceptsolutions.com
- Website Address: www.adceptsolutions.com

Introduction

AdCept Technologies Pvt. Ltd., is promoted by a team of experienced Engineering and Management graduates from reputed institutes in India and USA.

AdCept is engaged in the field of offering software development and turnkey solutions, system integration, services focused in the Mining Industry in the field of Mine Slope Monitoring RADAR technology and Early Warning Systems, Mine-Wide License-free Wireless Communications Infrastructure both in Open cast as well as in underground gassy coal mines. AdCept's products and technologies are the only DGMS approved digital wireless IP based voice, data, video communications & tracking system for use in Degree III underground gassy coal mines in India .

Besides the above we also offer various turnkey solutions as detailed in our Solution Portfolio below .

Mission

Our mission is to provide "value-added" solutions to our customers by focusing on emerging technologies to improve productivity and safety in various industry verticals .

Solution Portfolio

1. Turnkey solutions based on Interferometric Synthetic Aperture RADAR for Mine Slope Monitoring and Early Warning System for Slope failures in association with our Technology Collaboration partner, IDSGeoRadar s.r.l. Italy.
2. Turnkey solutions based on Intrinsically Safe WiFi Infrastructure for Miner Tracking, Voice Applications, and other Value-add applications, etc. in association with our Technology Collaboration partner, Mine Site Technologies Pty. Ltd. Australia
3. Structural Health Monitoring (SHM), using stress, strain sensors, tilt meters etc. integrated with fiber optics in technical collaboration with MicronOptics USA
4. Distributed SHM, Seismic, Avalanche Activity Monitoring, based on the world's only FO embedded Audio Emission technology from Optics11, Netherlands
5. Distributed Methane Monitoring, based on the world's only FO based Methane sensors from OptoSniff, UK
6. AL and ML based software development involving integration of various open source modules from MWARE Solutions, Romania's BigConnect Universal Data Lake Platform
7. Open Source Projects based on technology collaboration partner GEOTelematic® Solutions OpenGTS platform
 - i) We rolled out customized hosted Fleet Management Systems for corporate customers
 - ii) Android Projects based on technology collaboration partner GEOTelematic® Solutions OpenGTS platform
 - iii) Developed and distributed OpenGTS compliant Mobile Tracking applications as part of our Fleet Management System deliverables

Partial List of Past Projects Undertaken

SL. NO.	INSTALLATIONS / ITEM DESCRIPTION	CLIENT	CONSULTANT/ THIRD PARTY INSPECTION, IF ANY
1	Groundbased Interferometric RADAR based Mine Slope Monitoring System and Early Warning System	Eastern Coal Fields Ltd.	Indian Institute of Technology, Kharagpur
2	Groundbased Interferometric RADAR based Mine Slope Monitoring System and Early Warning System	Tata Steel Ltd., West Bokaro	N/A
3	Through the Messaging System	Central Coalfields Limited, Ranchi	Central Mine Planning Development Institute Limited, Ranchi
4	IP based Wireless Network Infrastructure for Voice, Video, and Data; Supporting Wireless VoIP, Tracking, Mine Monitoring; Production Monitoring, etc.	Central Coalfields Limited, Ranchi	Central Mine Planning Development Institute Limited, Ranchi
5	Supply & installation of Radio Communication System without Guided mast, including (a) Ultrasonic level sensor with transmitter, (b) Digital Panel Meter, (c) HMI with PLC, (d) Serial converter, (e) VPN router, (f) Power strip, (g) Surge protection switch, (h) Telephone connector, (i) Metal enclosure, (j) UPS, (k) Indicator lights, (l) Relay, (m) Fan and (n) 24VDC 2A power supply with ISI wiring as complete as per instruction & specification of E.I.C/K.M.C.	M/S Mackintosh Burn Ltd	-

Management Team

Mr. C. S. Banerjee, Managing Director,

- B. Tech. IIT Kharagpur
- MBA with specialization in financial and marketing management
- 35+ years experience in Indian multi-nationals

Mr. Soumya K. De, Director,

- M.S. Purdue University, West Lafayette, Indiana, USA
- 20+ years of experience in global leaders, such as
 - Cisco Systems, Inc. San Jose, California, USA
 - Symbol Technologies, Inc. San Jose, California USA
- Experienced in IEEE 802.xx standards based 3rd party application integration, handheld compatibility testing etc.

Mr. Bibhas Pramanik, Project Director

- Masters in Computer Science & Engineering University of Calcutta
- Having 15 years of experience out of which last 5 years have been in the field of development of AI and ML based deep learning applications.
- Associated with various educational institutions imparting knowledgebase & training on AI.

Kiron Bhat, B. Tech IIT KGP, VP Projects

- Over 30 years of experience in Electrical Automation in the Power, Electrical Sub-stations and Distribution and Steel sectors. He has successfully executed solar power projects for the last 4 years.

Samar Ray - B. Tech, IIT KGP, VP Projects

- Over 35 years of experience in MNCs with specialization in Project Management. He has successfully executed solar power projects for the last 5 years.

D. Mukherjee, B. Tech

- Over 40 years of experience in diversified engineering fields including aircraft maintenance and avionics. In the last 20 years of his career he has been involved in functional responsibilities including business development in different industry verticals.