



TechDefence



Welcome to
the world of
IT SECURITY



www.techdefence.com



TechDefence Pvt Ltd is young but leading company basically concentrating upon the skills of young members. Technologies were formed to meet the demands of security concern of the IT industry in the web. TechDefence Consulting successfully tackle the growing number of security treats in websites through a series of test conducted by some renowned security experts which will finally end up giving a complete solution of web 2.0 along with the security. TechDefence is founded by Sunny Vaghela who has contributed his knowledge of Ethical Hacking, Cyber Crime Investigation & Forensics towards society since last 2 years. TechDefence has also dedicated itself to the training and development of expert professionals in order to meet the ever-growing challenges of technology industry. Now we are calculating to launch ourselves globally seek and cross-frontiers that we have never attempted before. we are currently working into following services domain.

MISSION

To empower our vision of being a global security service provider, **TechDefence** aims to deliver timely, efficient, quality conscious and cost effective security solutions through our enthusiastic and perpetually fresh team of certified security professionals to all organizations across the globe while assisting as well as ensuring that their systems and processes are totally secure and stable from any and every threat which may ever exist.



Growing together and sustaining the growth



CYBER CRIME INVESTIGATION

Analyzing, investigating and accumulating the digital evidence and cyber trails is better known as Cyber Crime Investigation. It can be found in computer hard disks, cell phones, CDs, DVDs, floppies, computer networks, the Internet etc. Digital evidence and cyber trails can be derived from pictures, (stangnography), encrypted files, password protected files, deleted files, formatted hard disks, deleted emails, chat transcripts etc. Digital evidence and cyber trails are generally related to online banking frauds, online share trading fraud, source code theft, credit card fraud, tax evasion, virus attacks, cyber sabotage, phishing attacks, email hijacking, denial of service, hacking, divorce cases, murder cases, organized crime, terrorist operations, defamation, pornography, extortion, smuggling etc.

Our Services

CYBER LAW CONSULTING

TechnoLegal, a branch of TechDefence, is the Cyber law Consultancy which is an online internet based nonpareil and pioneering consultancy dedicated exclusively to Cyber laws. Cyber law includes the laws relating to Cyberspace, Internet, and World Wide Web and indeed, is a blend of many legal disciplines such as intellectual property, privacy, criminal, jurisdiction, freedom of expressions, etc. In quintessence, cyber law is an endeavor to actuate laws conceived for the physical world to human operations on the Internet. TechnoLegal is the Consultancy that addresses all your Cyber law requirements and issues. It aspires to ensure you a veridical analysis of contemporary and evolving trends in Cyber law according to your queries. TechnoLegal, a completely new concept of consultancy online, is one stop that takes care of all your legal exigencies in cyberspace.



VULNERABILITY ASSESSMENT (VAPT)

Penetration Test is a method of actively evaluating the security of a computer system or a network through simulation of a controlled and managed intrusion into your system by a malicious user, known as a cracker. Active analysis of the system for any potential vulnerability that may result from poor or improper system configuration is carried out. This analysis is carried out from the perspective of a potential attacked, and can involve active exploitation if security vulnerabilities. The results are then documented in a report which is presented at a debriefing session, where questions can be answered and corrective strategies can be freely discussed. Penetration Testing will help you cost-effectively reduce risk, achieve and maintain regulatory compliance and reach your security goals. Vulnerability Assessment provides a clear and in-depth understanding of how vulnerable, your network, servers and applications are to attacks.

CYBER FORENSICS

With the right application of science and technology for acquisition, preservation, identification, analysis, and presentation of digital evidence or data in a way, we preserve the integrity of the digital information blending it with the legal acceptability. While applying the right methods that work well in the court of law, we put forward our expert witness, proficient testimony and data recovery efforts that result in the success of eventualities. We aim to address all cyber forensic exigencies. TechForensics is committed to research and development in this discipline of forensics. We provide the highest quality instructor interactive training to help legal firms, accounting firms, government and law enforcement agencies for better performance in the cyber forensic matters.

Our Services

TRAINING & WORKSHOPS

Looking at the Numbers of Cyber Crimes since last many years, We at TechDefence provides training on Ethical hacking & Cyber Crime Investigation to students, IT professionals, law professionals, bank employees as well as police officials. The training gives participant advanced knowledge about hacking, cyber crime investigation & forensics.

SECURITY AUDITS

A computer security audit is a systematic, measurable technical assessment of how the organization's security policy is employed at a specific site. Computer security auditors work with the full knowledge of the organization, at times with considerable inside information, in order to understand the resources to be audited. Security audits do not take place in a vacuum; they are part of the on-going process of defining and maintaining effective security policies. This is not just a conference room activity. It involves everyone who uses any computer resources throughout the organization.

Given the dynamic nature of computer configurations and information storage, some managers may wonder if there is truly any way to check the security ledgers, so to speak. Security audits provide such a tool, a fair and measurable way to examine how secure a site really is? Computer security auditors perform their work though a personal interview, vulnerability scans examination of operating system settings, analyses of network shares, and historical data. They are concerned primarily with how security policies - the foundation of any effective organizational security strategy - are actually used.



Our Clients

TechDefence has a clientele that boasts of prominent entities in the Corporate Sector, Government Sector, Banking Financial Services & Insurance (BFSI) Sector and Education Sector. We believe in building a relation of trust and quality with all our clients. For detailed clientele, please visit www.techdefence.com

Google Microsoft®

Infosys®

e LITE CORE®

Deloitte.

TATA CONSULTANCY SERVICES

KPMG

MULTEVENTS
Your preferred Events partner



IndianOil

ZOHO

Work. Online



TEMENOS

The Banking Software Company

ADC BANK

CORPORATE TRAINING

Google Yahoo! Microsoft ISACA
K7 Antivirus TCS Infosys HCL
Deloitte KPMG Zoho Temenos

BFSI SECTOR

Risk Control Unit, HSBC Bank, Ahmedabad
Fraud Control Unit, ICICI Bank, Ahmedabad
Ahmedabad Mercantile Cooperative Bank Ltd.
Ahmedabad District Cooperative Bank Ltd.
Kalupur Commercial Cooperative Bank Ltd.
Surat Mercantile Cooperative Bank Ltd.
Maninagar Cooperative Bank Ltd.
Nidhi Cooperative bank Ltd.
Karnavati Cooperative Bank Ltd.
Maninagar Cooperative Bank Ltd.
Naroda N.C Bank Ltd.
Bapunagar Cooperative Bank Ltd.
Nutan Nagrik Sahkari Bank Ltd.
Rajkot District Government Association
Reserve Bank of India - Ahmedabad

GOVERNMENT SECTOR

Chief Minister's Office, Gujarat Government
Cyber Crime Cell, Crime Branch, Ahmedabad
Ministry of Home Affairs, Malaysia
Crime Branch, Hyderabad
Crime Branch, Rajkot
Crime Branch, Nashik
URICM, Gandhinagar
Crime Branch, Surat
Border Security Force (Gujarat)

CORPORATE SECTOR

Multievents Ltd, Mauritius
Computer Clinic Ltd, Mauritius
Future Knowledge Solutions, Ahmedabad
Quick Heal Antivirus
Innoventa Technologies, Ahmedabad
Fourways Solutions
Elitecore Technologies



TechDefence

Where you see the facilities, we see the flaws!

Our Clients



IIT Bombay



IIT Delhi



IIT Guwahati



IIT Gandhinagar



NIT Rourkela



SRM
UNIVERSITY
(Under section 3 of UGC Act 1956)



AMITY
UNIVERSITY



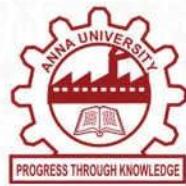
ANNA UNIVERSITY
PROGRESS THROUGH KNOWLEDGE



NIRMA
UNIVERSITY



CHITKARA
UNIVERSITY



PROGRESS THROUGH KNOWLEDGE



PANDIT DEENDAYAL
PETROLEUM UNIVERSITY



DEL TECH
UNIVERSITY
TECHNOLOGICAL UNIVERSITY

EDUCATION SECTOR

IIT Bombay
IIT Delhi
IIT Kanpur
IIT Gandhinagar
IIT Hyderabad
IIT Jodhpur
IIT Madras
NIT, Allahabad
NIT, Silchar
NIT, Bhopal
NIT, Agartala
NIT, Rourkela
NIT, Calicut
NIT, Surathkal
NIT, Jalandhar
SRM University, Chennai
Amity University, Noida
KIIT University, Bhubaneswar
Anna University, Chennai
Delhi Technological University

Manav Rachna International University
Chitkara University, Patiala
Tezpur University, Assam
Sreenidhi Institute of Science and Technology
Adams Engineering College, Andhra Pradesh
MBM Engineering College, Jodhpur
Gurgaon Institute of Technology and Management
College of Engineering, Cherthala
Thakur College of Engineering, Mumbai
IERT, Allahabad
Dronacharya College of Engineering, Gurgaon
Shri Balwant Institute of Technology, Sonepat
Nirma University, Ahmedabad
The Institution of Engineers, Ahmedabad
Pandit Deendayal Petroleum University
Hindustan College of Engineering and Technology
DAIICIT, Gandhinagar
LNMIIT, Jaipur
Shri Balaji College of Engineering, Jaipur
L D College of Engineering



Our Clients



EDUCATION SECTOR

Pondicherry University
 BMS College of Engineering , Bangalore
 Dehradun Institute of Technology
 DRIEMS, Orissa
 Institute of Technology and Management
 UCOE,Punjabi University, Patiala
 Nalla Malla Reddy Engineering College
 SSK College of Engineering & Technology
 Dharamsinh Desai University
 SIMS,Indore
 OPJIT,Raigarh,Chattisgarh
 Amity University,Lucknow,Uttar Pradesh
 Manav Rachna International University
 KITS,Warangal
 JNTU,Hyderabad
 GRIET,Andhra Pradesh
 VMKV Engineering College,Salem
 HBTI,Kanpur
 M S Ramaiah Institute of Technology
 Late Ramotidevi College of Engineering
 Cochin University of Science & Technology
 Nalla Malla Reddy Engineering College
 Pulipati prasad Institute of Technoogy
 Mewar University
 Kamla Nehru Institute of Technology

Karunya University, Coimbatore
 Aurora College of Engineering,
 Kerala College of Engineering
 Jadavpur University, Kolkata
 SIES, Mumbai
 Sree Chithra Thirunal College of Engineering
 Chotubhai and Gopalbhai Institute of Technology
 Gulzar Group of Institutes, Khanna, Punjab
 ITM Gwalior
 MET's School of Engineering, Kerala
 NITMAS, Kolkata
 SJBIT, Bangalore
 GRD Institute of Management and Technology
 College of Science and Engineering
 Lovely Professional university
 Lokmanya Tilak College of Engineering
 Haldia Institute of Technology
 Kruti Institute of Technology & Engineering
 Aditya Engineering College
 Zakir Hussain College of Engineering & Technology
 Pandit Mohanlal SD College for Women
 Guru Nanak Dev University, Amritsar
 College of Engineering, Vadakara
 Atmiya Institute of Technology & Science
 Karm Veer Bhaurau Patil College of Engineering,



Trainer

MR. SUNNY VAGHELA

Sunny Vaghela is 28 year old countries pioneer Information Security & Cyber Crime Consultant. The young and dynamic personality of Sunny has not only assisted in solving complex cyber crime cases but has also played an instrumental role in creating awareness about information security and cyber crimes. During his graduation at Nirma University he developed projects like SMS Based Control System, Voice Recognition Based Control System exhibiting his sharp acumen for technology.

At the age of 18, Sunny exposed loopholes like SMS & Call Forging in Mobile Networks. The technology that allowed to send SMS or Make Call to any International Number from any number of your choice.

At 19, Sunny has found loopholes like "Session Hijacking" & "Cross Site Scripting" in popular Social Networking Website www.orkut.com

At 20, Sunny has successfully solved numerous cases of Cyber Crimes for Ahmedabad Crime Branch including Phishing Cases, Biggest Data Theft Case, Espionage Case, Credit Card Fraud Case, Several Orkut Fake Profile Impersonation Cases etc. He traced threatening emails which were sent to Chief Minister of Gujarat on 17th JAN, 2009.

Sunny traced the origin of the Terror E-Mail Trail of the Ahmedabad Serial Bomb Blast Terror Mail Case and has played a vital role in investigation of the same. In the infamous 26/11 Mumbai Bombings, he successfully accomplished task of obtaining confidential information on the banned organization JAMAT ud DAWAH for MUMBAI Anti Terrorist Squad (ATS).

Sunny's exceptional talent and expertise is widely recognized in India and abroad. He was bestowed with **Rajiv Gandhi Young Achiever's Award** as the IT Expert of state of Gujarat by Gujarat Congress at a mere age of 20 year in 2007. Further Sunny is been awarded many national and state level awards for his Research Papers on SMS & VoIP Technology.

Sunny has conducted more than 550 workshops on "ANTIVIRUS, Vulnerability Assessment, Penetration Testing, Cyber Crime Investigation & Forensics" at various institutions all across India. He is a frequent guest to engineering colleges & and India Inc. to deliver session on "Mobile Security & Web Security".



Trainer

He runs Certified Training program on Ethical Hacking, Cyber Crime Investigation & Forensics at Ahmedabad & various centers across Gujarat which is appreciated by students, professionals, lawyers & law enforcement officials. The same program was attended by Cyber Cell, Crime Branch, Ahmedabad, Ministry of Home affairs, Malaysia & many Cooperative Banks of Ahmedabad.

His training clients portfolio includes corporate like Yahoo !, Google, ISACA, K7 Antivirus, ZOHO, Sify, Delloitte, TCS, KPMG, Temenos, Investigation Agencies like Crime Branches Ahmedabad, Hyderabad, Nashik, Rajkot, Surat & Government organizations like Border Security Force(IT Dept) & Ministry of Home Affairs, Malaysia.

He is now Director & Chief Technical Officer at TechDefence Consulting Pvt Ltd which is rapidly growing security services & investigation consulting organization focusing on Cyber Crime Investigations, Cyber Law Consulting, Vulnerability Assessment & Penetration Testing, and Information Security Training.

AWARDS & ACCOLADES

TechDefence won the Best Ethical Hacking Institute Award from NBC in 2012.

Mr. Sunny Vaghela awarded with Rajiv Gandhi Young Achievers Award as the IT Expert of Gujarat.





TechDefence

Where you see the facilities, we see the flaws!

HACKTRACK

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Level 1.0

A workshop on
**ETHICAL HACKING &
INFORMATION SECURITY**



www.hacktrack.co.in



Schedule

CYBER ETHICS

(0.5 HRS)

- Hackers & hacking methodologies
- Types of hackers
- Communities of Hackers
- Malicious Hacker Strategies
- Steps to conduct Ethical Hacking
- Hiding your identity while performing attacks

INFORMATION GATHERING & SCANNING

(0.5 HRS)

- Who is information
- Trace Route
- Info Gathering using blogs & forums.
- Info Gathering using search Engine
- Info Gathering using Meta tags & Words.
- Info gathering using job portals
- Info gathering using People Search
- Info gathering using Scanning Websites
- Info gathering using Espiders
- Info gathering using Web Archive

WIRELESS SECURITY

(1.5 HRS)

- Wireless Protocols
- Identifying the Attack
- Identifying the Attacking Methods
- Cracking Wireless routers password(WEP)
- Securing routers from Hackers
- Countermeasures

ANDROID HACKING & SECURITY

(1.5 HRS)

- Basics of Android Security Model
- Understanding of Android Malwares
- Getting All info(Call logs, SMSes,SD Card Data)
- Exploiting an android phone with malware.
- Sending all Data to Server
- Antivirus Evasion
- Countermeasures

WEB APPLICATION & SECURITY

(6.0 HRS)

- Introduction to the Web Architecture
- Security Misconceptions
- Web Application Vulnerabilities
- SQL Basics
- Types of SQL Injection
- Authentication Bypass Vulnerability
- Code Injection
- Union Based Injection
- Error Based Injection
- Cross Site Scripting Vulnerability
- Cross Frame Scripting Vulnerability
- Cross Site Reference Forgery
- Session Hijacking attacks
- Input Validation Vulnerability
- Remote Code Execution
- Local File Inclusion Vulnerability
- Remote File Inclusion Vulnerability
- Bypassing the Security
- Testing the Web Application Firewalls
- Types of Control Panels
- Uploading Control Panel
- Setting up File / Folder Permissions
- Analyzing the logs
- Log filtration

MOBILE, VoIP HACKING & SECURITY

(1.0 HRS)

- SMS & SMSC Introduction
- Analyzing types of Messages
- Sending & Tracking fake SMSes
- Identifying Forged Messages
- Identifying the Calling Methods : VoIP Configuration Logs
- Identifying the Forged Calls
- Tracing Back the Forged Call



Schedule

EMAIL HACKING & SECURITY (0.5 HRS)

- How phishing works
- How hackers make fake pages
- How key logger works
- Social Engineering Techniques

INTRODUCTION TO CYBER CRIME (0.5 HRS)

- Types of Cyber Crimes
- Report Cyber Crimes

GOOGLE HACKING (0.5 HRS)

- Using Google as hacking tool
- Advanced operators of Google
- Finding Vulnerable websites using Google
- Finding Target networks using Google

CYBER FORENSICS (2.0 HRS)

- Introduction to Cyber Forensics
- Examination Rules
- Forensic Examination of Digital Media
- Digital Investigation Methodologies
- Analyzing the Evidences
- Data Collection
- Data Recovery
- Analyzing the Data

SYSTEM & NETWORK HACKING (0.5 HRS)

- Examining System Privileges
- Privilege Escalation
- Enumeration of networks
- Sniffing Network Packets
- Analyzing the Packets
- Countermeasures

INVESTIGATION METHODOLOGIES (1.0 HRS)

- Different Logging Systems
- Investigating Emails (Email Tracing)
- Ahmadabad Bomb Blasts Terror Mail Case
- Investigating Data Theft Cases
- Cyber Law & IT Act,2000

TROJANS, BACKDOORS (1.0 HRS)

- Control Victim's Computer
- Binding Trojans with another file
- Undetection of Trojans
- Identify the Running Applications
- Identify the Trojans, Virus
- Identifying Logs
- Counter Measures



DURATION & FEES

Total Hours: 16
Total Days : 02
08 HRS / DAY
Rs. 1200 / Head

CERTIFICATION

Certificate of "Certified Ethical Hacking Expert – Level 1" will be given to participants from TechDefence & Respective College

COURSE MATERIAL



Comprehensive course material will be provided to participants.
Ethical Hacking Toolkit worth Rs.600 (Containing Tools, Videos, EBooks, Presentations)



Where you see the facilities, we see the flaws !



Awards

RAJIV GANDHI YOUNG ACHIEVERS AWARD

Mr.Sunny Vaghela(Director & CTO) has been awarded as IT Expert of state of Gujarat in 2007



NBC ACHIEVERS AWARD 2012

Awarded as India's Best Ethical Hacking & IT Security Training Company



BUSINESS & SERVICE EXCELLENCE AWARD 2012

Awarded as Best IT Security Training Brand of Western India

WORLD EDUCATION AWARDS 2012

Nominated for Best Private Sector Initiative for providing training to Working Professionals





- Incorporated in November 2009
- Awarded as India's best Ethical Hacking Training Institute by NBC in 2012
- Trained more than 55000 students conducted 520 Workshops Including all IITs, NITs & many other colleges across India.
- Trained Professionals from many reputed companies like Yahoo!, Google,ISACA,k7 Antivirus, Elitecore , Indian Oil, Temenos, ZOHO, HCL,TCS Infosys.
- Trained Investigation agencies of Gujarat, Maharashtra, Rajasthan, Tamilnadu, West Bengal.
- Trained & Certified 3500 Students & Professionals for CCSE (Certified Cyber Security Expert) Course.
- Helped Top Investigating Agencies to Solve Ahmedabad & Mumbai blasts Cyber trails.
- Associated for an outreach program with the Major Technical festivals of IIT Bombay, Kanpur, NIT Bhopal, NIT Calicut, Jadavpur University Kolkata, and BITS Pilani Goa for giving authorized certification.
- Major VAPT Clients includes CMO - Gujarat, Sulekha.com, CBI, Cyberoam.
- Supported by Ministry of Home Affairs, Malaysia & CMO, Gujarat.

AHMEDABAD HEAD OFFICE

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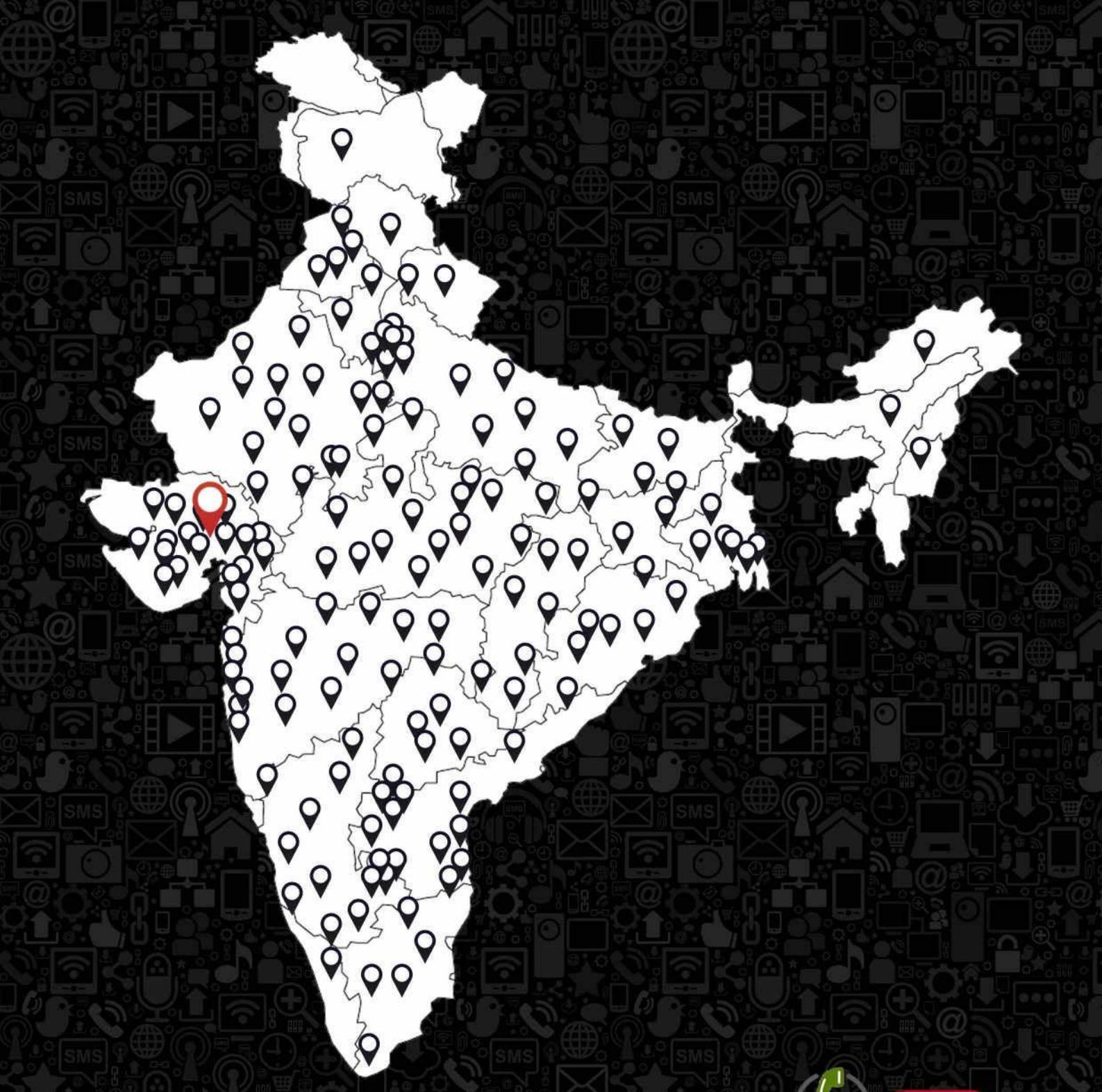


Contact

For general queries contact us at: info@techdefence.com
For workshop related queries contact us at: workshop@techdefence.com
For franchise related queries contact us at: franchise@techdefence.com

BRANCH OFFICES

Australia(Branch Office)



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Mobile: +91 7567867776 & +91 9723373375 Tel: +91 79 40047405



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