GVK EMRI partners with AP Police for DIAL - 100 Helpline
It is heartening to note that "1-0-8 Emergency Response Services" started under Public Private Partnership with GVK EMRI is nearing completion of 8 years of dedicated service to the citizens of Andhra Pradesh. With a huge fleet of 752 ambulances, I am happy to note that over one lakh lives have been saved so far in the state and more than 14.00 lakh pregnant women were able to get access to institutional delivery resulting in reduction of maternal and infant mortality. Recently, 1-0-8 has expanded its services to include Dedicated Drop back for mothers and their new born from Government hospitals to home, as well as Neonatal ambulance for critical new born babies. The result of untiring and selfless work of personnel associated with the service has become synonymous with efficiency and promptness that has generated goodwill and confidence among the people. GVK EMRI 1-0-8 has come a long way since 2005 and has today further expanded its scope of service by partnering with DIAL 100. The combined services under one roof will ensure excellent service delivery to the people of Andhra Pradesh. Government of Andhra Pradesh reiterates its commitment to ensure uninterrupted emergency response service to all the citizens of AP. On this auspicious occasion, I convey my warm wishes and hope that GVK EMRI 1-0-8 services continues to serve the people of Andhra Pradesh with dedication.

Message from Shri N. Kiran Kumar Reddy Hon'ble Chief Minister of Andhra Pradesh
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My greetings and best wishes to all the employees of GVK EMRI and its partners on this occasion for their excellent contribution. EMRI, launched on 15th August 2005 with 15 ambulances in Hyderabad, has over 5000 ambulances spread in the states of Andhra Pradesh, Gujarat, Uttarakhand, Goa, Tamil Nadu, Karnataka, Assam, Meghalaya and Madhya Pradesh. It is heartening to know that, so far, GVK EMRI has attended over 19.2 millions of emergencies and saved about 6.46 Lakhs lives. I am sure, GVK EMRI will strive to reduce its response time in emergencies to ten minutes. I wish each and every member of GVK EMRI all the best in achieving the vision of saving millions of lives, with its unique Leadership, Innovation, Technology, Research and Training.

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Dr. A. P. J. Abdul Kalam
Former President of India and Chairman Emeritus, GVK EMRI
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Message from Dr. A. P. J. Abdul Kalam
Former President of India and Chairman Emeritus, GVK EMRI

It gives me immense pleasure to be associated with the life saving mission that GVK EMRI has undertaken. I am also glad to note that our mission and its objectives are fast gaining acceptance across the country with more and more states partnering with GVK EMRI in this worthy cause. In this endeavour, the understanding and confidence shown by all the partner governments and other knowledge and technology partners has been laudable, but for whose help today the task of serving around 600 millions of our country men, women and children wouldn't have been possible. It is a testimony to the trust reposed by the people in the efficacy of operations of GVK EMRI that we have so far responded to 18 Million emergencies, a fact that we always cherish. This life saving service is totally free to end user beneficiary and it is being made available at less than `1 per citizen per month.

We have travelled some distance from the conception of the idea to translating it into reality by rolling out the emergency response services on the ground integrating information technology, best practices in emergency management and efficient service delivery. There is however a long way to go before the service delivery model is honed and perfected to respond to the local level situations in a diverse country such as ours. We shall strive to constantly innovate and improve the services to establish ever higher standards of excellence.

In this journey, we are proud to partner with Police Department in the DIAL 100 Project and we look forward to a successful partnership that is replicated across the country in times to come.

Message from Dr G V K Reddy
Chairman - GVK EMRI
It gives me immense pleasure to place on record that the 108 services which launched in the year 2005 under PPP between Govt. of AP and GVK EMRI has completed 8 years of yeomen service for the needy by providing access to timely medical care and saved a great many lives. Several other initiatives have also been added under this 108 services.

I am very much glad to note that now DIAL 100 has also been brought under Public Private Partnership between the AP Govt. (AP Police) & GVK EMRI for improving the efficiency & quality of service and for effective & immediate accessing of the Police in case of need. With this any citizen will get access to Police concerned in the entire state within minutes. This programme is being launched formally by Hon’ble Chief Minister Shri. N. Kiran Kumar Reddy garu shortly.

On the occasion, I wish GVK EMRI all the best and success in their endeavour.
Message from
Smt. P. Sabitha Indra Reddy
Hon'ble Home Minister of Andhra Pradesh

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On the occasion, I wish GVK EMRI all the best and success in their endeavour.

Message from
Shri Kondru Murali Mohan
Hon’ble Minister for Medical Education

1-0-8 services launched in 2005 in Public Private Partnership between Government of Andhra Pradesh and GVK EMRI is a symbol of Government's pledge to serve the common man.

In the last few years, our state has seen several new initiatives in the healthcare sector and 1-0-8 has successfully bridged this gap for every citizen by creating access to timely medical care.

Recent initiatives are the dedicated mother-new born drop back after 48 hours hospitalisation, 220 new ambulances to replace part of existing fleet. A neo-natal ambulance has also been launched to handle critically ill new born infants. We hope that the scope of services being handled by GVK EMRI and 1-0-8 will grow in ways that will have a positive impact on the healthcare of the State.

I extend my best wishes to GVK EMRI for nearing successful completion of 8 years of dedicated 1-0-8 service, and laud their consistent efforts to provide high class service to the common man.
I am very happy that A.P. Government (A.P. Police) has decided to launch Dial-100 in association with GVK EMRI. This facility which is purely Citizen Centric and Victim Centric especially those in non-medical distress from across the State access faster police assistance from anywhere be it be the remotest place in the State of Andhra Pradesh. The decision to associate with the GVK EMRI was facilitated because of the goodwill GVK EMRI enjoys among the people for almost 8 years of dedicated service in providing succour to the needy through 108. Now under one roof we hope combined efforts of 108 (Medical Distress) and 100 (Non-Medical Distress) will help the citizens to access immediately and seek timely help.

On the occasion of the launch of DIAL-100 and near completion of 8 years, we wish GVI EMRI the very best.
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Bharat Ratna Hon’ble Dr.APJ Abdul Kalam, former President of India has recently joined the Governing Board of GVK EMRI as Chairman – Emeritus. This is a significant development that would further enhance GVK EMRI’s credibility as an unparalleled social services provider across the country.

Dr.Abdul Kalam has made a significant contribution towards the development of the country through his social and economic initiatives. He has led ISRO’s launch vehicle programme and was responsible for development and operationalisation of AGNI and PRITHVI missiles. He has given thrust to self-reliance in defence systems by leading mission projects like Light Combat Aircraft amongst many others.

During the last decade, Dr.Kalam has addressed over five million youth below the age of 17 and inspired them to become active participants of India Vision 2020. Dr.Kalam is passionate about bringing rural prosperity through PURA (Providing Urban Amenities to Rural Areas), in which science and technology play a key role. He has authored many books like “Wings of Fire”, “India 2020 – A Vision for the New Millennium” etc., He has also been propagating the concept of World Knowledge Platform through which the core competencies of organisations and nations can be synergised to innovate and create solutions and products to face the challenges of the 21st century.
April 2005 is the turning point for emergency medical services in India. GVK Emergency Management and Research Institute was incepted with the objective of delivering comprehensive, speedy, reliable and quality Emergency Care Services. GVK EMRI revolutionised the concept of Emergency Care Services in India. The organisation established an Emergency Response System that coordinates every emergency through a single toll free number 1-0-8 which when called in an emergency ensures prompt communication and activation of a response that includes, assessment of the emergency, dispatch of the ambulances along with a well trained Emergency Medical Technician to render quality pre-hospital care and transport of the patient to the appropriate health care facility. The system has also put in place the strategic principle of “right patient to the right hospital in the shortest possible time”, all built on a high end technology platform. Today, 108 is synonymous with the best-in-class emergency service and has been acknowledged as the most efficient, speedy, reliable and caring service provider in its category. GVK EMRI is the life savior in 12 States and 2 Union Territories with over 600 million people accessing its services every day.

With the aid of its proven technology and infrastructure, GVK EMRI now enters into the arena of protecting law and order in the society. From 108, 104 to 100, GVK EMRI has left no stone unturned to reach out the needy.
GVK EMRI
India’s first and now world’s largest integrated emergency service provider

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VISION

- Provide Emergency Response Services under PPP (Public Private Partnership) framework
- Respond to 30 million emergencies and save 1 million lives annually
- To deliver services at global standards through Leadership, Innovation, Technology, Research and Training
HOW DOES 108 WORKS

Every life saved at GVK EMRI is a reflection of the combined effort of a team of dedicated professionals. Thanks to their tireless efforts, today, 108 is a symbol of hope, trust and reassurance. GVK EMRI has in place, meticulously chalked-out processes that ensures speedy, effective emergency services designed to save lives. This three-pronged approach - SENSE-REACH-CARE - is aimed at a holistic delivery of the most sophisticated Emergency Management Services.

SENSE
The objective is to provide an appropriate response to the person in emergency and deliver suitable and speedy emergency services.

How it works
- First, the Communication Officers take the call and record the necessary information for serving the call.
- This information is then transferred to the Dispatch Officer who identifies the location of emergency and the nearest ambulance.
- The Ambulance Team, which consists of a Pilot who drives the ambulance along with the Emergency Medical Technician (EMT) is informed to attend to the victim.

REACH
Reach is the vital thread of connectivity between Sense and Care. The Reach Team arrives at the emergency location and provides necessary Emergency Care within the golden hour.

How it works
- The ambulance reaches the emergency site in the quickest time possible. The Pilot maintains time log for each action for later scrutiny.
- The EMT provides pre-hospital services to the victim, if necessary. Several defined parameters like pulse, blood pressure and other vital statistics are measured to determine if the victim requires pre-hospital care.

CARE
Care is the life-saving stage in the Emergency operations. Emergency Care if required is imparted to the victim on-site and on the way to the Health Center. The Ambulance Team ensures speedy and efficient transfer of the victim from the site.

How it works
- Pre-hospital care is provided on the instructions of the Emergency Response Center Physician (ERCP).
- Instructions are provided by the ERCPs after collecting all the vital information about the emergency.
- Then the victim is transferred to the nearest Health Center in an ambulance.
- Feedback on the service is collected by calling the victim’s relative or victim after 48 hrs to assess the quality of the Emergency Care provided.
- All through, the Dispatch Officer, Emergency Medical Technician and Emergency Response Center Physician are on a conference call constantly monitoring the condition of the victim until he/she is admitted in a Health Center.
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FOLLOW-UP
GVK EMRI - Launches across India

Launch in Andhra Pradesh, 15th August, 2005

Launch in Gujarat, 29th August, 2007

Launch in Uttarakhand, 15th May, 2008

Launch in Goa, 5th September, 2008

Launch in Tamilnadu, 15th September, 2008

Launch in Karnataka, 1st November, 2008

Launch in Assam, 6th November, 2008

Launch in Meghalaya, 2nd February, 2009

Launch in Madhya Pradesh, 16th July, 2009

Launch in Himachal Pradesh, 25th December, 2010

Launch in Chhattisgarh, 25 January, 2011

Launch in Uttar Pradesh, 14th September, 2012

Launch in Union Territories of Daman & Diu and Dadra & Nagar Haveli, 10th April, 2013
### GVK EMRI - Progress so far

#### States in which we have made a difference

<table>
<thead>
<tr>
<th>S No</th>
<th>Name of the State Government</th>
<th>Date of Launch</th>
<th>Ambulances</th>
<th>Emergencies Attended Since Inception</th>
<th>Lives Saved</th>
<th>Deliveries Assisted</th>
<th>Pregnancies Handled</th>
<th>RTA’s Handled</th>
<th>Associates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Andhra Pradesh</td>
<td>15th Aug'2005</td>
<td>802</td>
<td>7,368,296</td>
<td>108,574</td>
<td>87,165</td>
<td>1,461,415</td>
<td>1,005,101</td>
<td>3,803</td>
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<tr>
<td>2</td>
<td>Gujarat</td>
<td>29th Aug'2007</td>
<td>525</td>
<td>3,543,146</td>
<td>248,171</td>
<td>35,993</td>
<td>1,212,549</td>
<td>556,473</td>
<td>2,778</td>
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<tr>
<td>3</td>
<td>Uttarakhand</td>
<td>15th May'2008</td>
<td>140</td>
<td>538,688</td>
<td>10,926</td>
<td>4,478</td>
<td>188,235</td>
<td>60,086</td>
<td>734</td>
</tr>
<tr>
<td>4</td>
<td>Goa</td>
<td>5th Sep'2008</td>
<td>33</td>
<td>192,954</td>
<td>13,248</td>
<td>346</td>
<td>13,209</td>
<td>38,678</td>
<td>188</td>
</tr>
<tr>
<td>5</td>
<td>Tamilnadu</td>
<td>15th Sep'2008</td>
<td>620</td>
<td>2,274,276</td>
<td>76,183</td>
<td>11,794</td>
<td>528,533</td>
<td>505,429</td>
<td>2,939</td>
</tr>
<tr>
<td>6</td>
<td>Karnataka</td>
<td>1st Nov'2008</td>
<td>517</td>
<td>2,409,587</td>
<td>72,419</td>
<td>27,795</td>
<td>941,545</td>
<td>230,029</td>
<td>2,715</td>
</tr>
<tr>
<td>7</td>
<td>Assam</td>
<td>6th Nov'2008</td>
<td>285</td>
<td>1,313,672</td>
<td>59,620</td>
<td>11,712</td>
<td>492,853</td>
<td>83,832</td>
<td>1,522</td>
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<tr>
<td>8</td>
<td>Meghalaya</td>
<td>2nd Feb'2009</td>
<td>46</td>
<td>66,323</td>
<td>7,372</td>
<td>628</td>
<td>17,959</td>
<td>7,108</td>
<td>239</td>
</tr>
<tr>
<td>9</td>
<td>Madhya Pradesh</td>
<td>16th Jul'2009</td>
<td>274</td>
<td>525,859</td>
<td>29,591</td>
<td>4,689</td>
<td>198,395</td>
<td>84,102</td>
<td>1,689</td>
</tr>
<tr>
<td>10</td>
<td>Himachal Pradesh</td>
<td>25th Dec'2010</td>
<td>112</td>
<td>251,950</td>
<td>4,479</td>
<td>1,930</td>
<td>48,050</td>
<td>13,969</td>
<td>622</td>
</tr>
<tr>
<td>11</td>
<td>Chhattisgarh</td>
<td>25th Jan'2011</td>
<td>240</td>
<td>375,600</td>
<td>15,365</td>
<td>7,570</td>
<td>154,682</td>
<td>39,795</td>
<td>1,336</td>
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<tr>
<td>12</td>
<td>Uttar Pradesh</td>
<td>14th Sep'2012</td>
<td>988</td>
<td>392,118</td>
<td>-</td>
<td>5,670</td>
<td>191,585</td>
<td>48,838</td>
<td>4,923</td>
</tr>
<tr>
<td>13</td>
<td>Diu Daman &amp; Dadra Nagar Haveli</td>
<td>10th Apr'2013</td>
<td>13</td>
<td>13,352</td>
<td>732</td>
<td>73</td>
<td>3,305</td>
<td>2,199</td>
<td>78</td>
</tr>
<tr>
<td></td>
<td><strong>National</strong></td>
<td><strong>4,595</strong></td>
<td><strong>19,266,021</strong></td>
<td><strong>646,680</strong></td>
<td><strong>199,843</strong></td>
<td><strong>5,452,315</strong></td>
<td><strong>2,675,639</strong></td>
<td><strong>23,566</strong></td>
<td></td>
</tr>
</tbody>
</table>
GVK EMRI’s EXTENSIVE EXPERIENCE

Since its inception in 2005, GVK EMRI, also assisted Police Emergency cases besides dealing with medical. People here, are well versed and have hand-ful of experience in handling all kinds of emergencies especially Police. Hence, partnering with the Department of Police, Andhra Pradesh, was the natural outcome to leverage this prior expertise.

Number of Calls Received through 108 for Police Emergencies

<table>
<thead>
<tr>
<th>Sub-type</th>
<th>Number of Calls</th>
<th>% Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accidents</td>
<td>15869</td>
<td>60.2%</td>
</tr>
<tr>
<td>Self-Inflicted Inj</td>
<td>4063</td>
<td>15.4%</td>
</tr>
<tr>
<td>Violence</td>
<td>2533</td>
<td>9.6%</td>
</tr>
<tr>
<td>Unknown Person</td>
<td>2371</td>
<td>9.0%</td>
</tr>
<tr>
<td>Other Offences</td>
<td>574</td>
<td>2.2%</td>
</tr>
<tr>
<td>Bodily Offences</td>
<td>322</td>
<td>1.2%</td>
</tr>
<tr>
<td>Nuisance</td>
<td>267</td>
<td>0.8%</td>
</tr>
<tr>
<td>Property Offences</td>
<td>114</td>
<td>0.4%</td>
</tr>
<tr>
<td>Traffic Jam</td>
<td>103</td>
<td>0.4%</td>
</tr>
<tr>
<td>Gambling</td>
<td>96</td>
<td>0.3%</td>
</tr>
<tr>
<td>Others</td>
<td>40</td>
<td>0.1%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>26,352</td>
<td>100.00%</td>
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</table>

Sub-classifications of Calls Received Through 108

<table>
<thead>
<tr>
<th>Sub-category</th>
<th>Number of Cases</th>
<th>% Share</th>
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<tbody>
<tr>
<td>Police</td>
<td>2,082</td>
<td>7.9%</td>
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<tr>
<td>Pol+Med</td>
<td>23,147</td>
<td>87.8%</td>
</tr>
<tr>
<td>Pol+Fire</td>
<td>1064</td>
<td>4.0%</td>
</tr>
<tr>
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<td>59</td>
<td>0.2%</td>
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<td>100.00%</td>
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Police Emergencies – Sub-types

<table>
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<tr>
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<tr>
<td><strong>Total</strong></td>
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<td>100.0%</td>
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*Source of Statistics: 108 Database*
Making AP the most secured zone on the map.
Making AP the most secured zone on the map
Prologue
Committed to protect the rights of individuals, prevent crime and thereby build peaceful community partnerships, Andhra Pradesh Police stands as a testimony for many others. To ensure safety of people in the society all the time, any way around, AP Police needs to sense any emergency situation. They should be able to alert its field through strategically placed quick response teams and respond to it in least possible time to maintain and undertake policing action.

AP Police has been operating DIAL 100 Control Rooms at various dispersed locations in the districts so that people can call and seek help in case of any police related emergency.

The Process
- A person in need dials 100
- Call is transferred to district Police Control Room (PCR)
- In-charge will receive the call, collect the information details and enters information report
- PCR will ascertain the jurisdiction of the incident and pass on the relevant details to the Police Station concerned

Challenges of Current System
- There is no uniformity across the state as different cities and districts have variable levels of infrastructure, connectivity and manpower availability
- There is no centralised system that tracks jurisdiction of every incident
- Automated Control Center and Recording Facility is not available outside Hyderabad and Cyberabad city limits which leads to coordination issues
- If a call is received from mobile, mapping of districts to control centers is variable and at times call routing challenges are also being faced. Because of this, when a caller in emergency is unable to contact Police through 100,
  - He/she should remember the individual Police Station telephone numbers and call for help
  - There is always a difficulty in finding out in which Police Station limit they reside at the time of emergency
  - If the distress occurs when the citizen is traveling in a Train /Highway, he/she would not be in a position to identify the jurisdiction of the Police Station. Even if they know the Police Station jurisdiction they wouldn't be immediately able to find out the telephone number of the Police Station
- In certain cases, that require coordination and information sharing across districts and jurisdictions, getting the information at the right time, right place is very difficult
- Managing dispersed IT infrastructure, manpower and standards spread across the state can prove difficult
- Operational uptime and quality requirements are very high
- To improvise the system, research and deep analytical data is required which is possible only through real time data compilation and trend sharing. This is proving difficult in current setup.
- In Police investigations, data security and storage is utmost important and in today's world it is a mandate to have world-class infrastructure to receive, track, store and retrieve information anytime in future, which is very difficult with the current system.
GVK EMRI’s PROJECT DIAL 100

With over 7 years of experience, having saved over 1 lakh lives in Andhra Pradesh, GVK EMRI is a paradigm in the emergency landscape of India. It has extensive understanding in setting up and managing high end technology Emergency Response Centre catering to the population of up to 20 crores through one centre. It has a very large Government participation in terms of funds.

In project Dial 100, GVK EMRI has offered to partner with Police Department and help them design, build and operate a modern state-of-the-art unified Command and Control center for the state of Andhra Pradesh. This will be an efficient integrated dial 100 center which also can be integrated with other Emergency Services like Medical, Fire and disaster related response services. In this aspect, the solution proposed will also address the gaps in current system as outlined in proposed requirement and aforementioned challenges.
Operation

- The citizens of Andhra Pradesh shall be able to seek Police help through mobile/landline by calling 100 from any service provider and anywhere in the state for registration of compliant.
- All the Dial-100 calls received from the entire state will be routed through the Primary Rate Interface (PRI) lines of BSNL and/or other appropriate telecom service provider to the centralised DIAL-100 Call Center EPABX/Server with Automatic Call Distribution (ACD).
- Then it is transferred to the call taker at Centralised DIAL-100 call centre through Computer Telephony Integration (CTI) with Caller Line Identification (CLI) and Interactive Voice Record System (IVRS) facilities.
- The number 100 will also be integrated by strong interfacing with other existing numbers like 108 and 101 for effective coordination, command and control during disasters and mass casualty incidents.
- The system will be integrated with GPS/GIS server with digital map of entire state so that the location of the caller can be identified at the centralised call center and also the locations and movements of the patrolling/rakshak vehicles can be monitored centrally if desired at a later stage.

Voice: All voice conversations into and from Statewide Command and Control Center will be recorded by voice loggers which can be retrieved whenever required.

Data: A computerized and automated incident report will be generated in the pre-determined format with a unique number. All call contents recorded in the incident report will be forwarded to the concerned District/City DIAL-100 Command & Control Centers/Police Stations through voice for taking further action at their end. Mobile data communication (SMS) or emails can also be looked at as alternative communication channel.

High Level Call Flow & Process Map

Statewide DIAL 100 Command and Control Center will receive the distress call and assign the call as well as forward incident report directly to Police Station concerned and District Police HQ/PCR/SP Office/CP Office (for information & follow up). The PS/Mobile/dedicated response team after taking action, will inform Statewide DIAL 100 Center as well as District Police Control Room (PCR)/SP Office/CP Office what action has been taken which will be recorded into the case file and will thereafter result in case closure. In case of AVLT availability, the periodic case information updates will be captured by State and District PCRs but case closure will happen only at the State Command & Control Center through voice calls.
DIAL 100 Calls

CO
Screens ineffective Calls and captures details on actionable incoming EM calls

Actionable Medical
Calls
108 Desk

Actionable Fire
Calls
101 Desk

PDO
Handles the Emergency, triggers actions, ensures communication and smooth hand off (case assignment) with appropriate Police Stations. Supervisors monitors cases assigned and tracks effective closure

Case Closure
Review (2)

Real Time Data is uploaded in an extranet secured application through which authorized Police personnel can access/download case assignment data real time from SP offices and Police Stations apart from DIAL 100 Center

Real Time Intimation sent to SP Office e.g. Case assignment through SMS. Escalations and Disaster information (as defined) can also be sent to SP office.

Police Station actions
Case within SLA and uploads case closure details in the extranet Application for SP Office review and endorsement

Case Closure (1)

SP Office
24/7 cell

DG DIAL 100 Center

DG DIAL 100 Center
With the advancement in technology and infrastructure, there’s always a scope for improvising and reinventing the system for better functioning. Deploying high end technology for analyzing calls, better information gathering, prompt response, follow up and faster information sharing across various levels can hinder crime rate and ensure peace in the society. Use of advanced analytics for decision support, policy formulation, and maintaining database will certainly preserve law and order in the state of Andhra Pradesh.
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GVK EMRI 108 & BEYOND

Mother & Child Drop Back Facility
Boat Ambulances
Doli-palki
Mobile Medical Units
Neonatal Ambulance
104 Health Helpline
It is a well-known fact that newly born babies are extremely sensitive and get easily affected by the surrounding environment. In today's world, under the shadow of heavy pollution and such typical conditions, shifting newly born babies from hospitals to their homes is a very critical phase. Because of these circumstances, in the past few years, numerous infant mortality cases have been registered across length and breadth of the country, which suggests that there is an immediate need to act upon this burning issue.

Finally, the solution was here. To reduce infant and maternal mortality rates, few dedicated prototype vehicles are being inducted into service to shift newly born babies and mothers to their homes in a healthy and sterile condition. These vehicles are completely equipped and insulated to avoid such hazardous gases, materials, and shift infants in a safe and secured environment. Besides this, the vehicle also carries a counselor who educates mothers on infant care and provides them with leaflets, handouts during the journey.

Andhra Pradesh
Named as “Drop Back,” it operates 4 dedicated vehicles and also uses existing fleet. 2,388 transportations have been provided till March 2013.

Gujarat
Named as “Khilkhilat,” it has 30 vehicles in operation and 600 more vehicles to join in the next year. 14,881 transportations have been provided till March 2013.

Uttarakhand
Named as “Khushion Ki Sawari,” it operates 105 vehicles and 57,267 transportations have been provided till March 2013.

Assam
Named as “Adarani,” it has 235 vehicles in operation and 1,25,071 transportations have been provided till March 2013.
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There are certain places where ferry service is the only means of transportation and due to lack of this facility people often fail to access prompt medical services. Taking note of such need and for a quick response to medical emergencies in riverine areas and during floods, GVK EMRI introduced boat ambulances with the aid of a speedboat. This Speedboat is made of fiberglass and is well-equipped with life saving equipments and medical experts.

The first such ambulance was launched in Majuli river islands in July 2011 to carry patients on the Brahmaputra river. Later on, few more boat ambulances were added. Today, GVK EMRI operates three Boat Ambulances in Assam and one in Uttarakhand. It is widely being hoped that with the introduction of Boat Ambulance, the healthcare scenario of islanders, tourists and other riverine people will certainly improve.
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DOLI-PALKI

To outreach remote rural areas where there is minimal or no road connectivity, to access hilly terrains, Doli-palki is a novel thought conceived and implemented by GVK EMRI. It is a closed structure carried on the shoulders of four bearers used as a life saving mode of transport in intractable situations or locations, posing difficulty in dealing with medical emergencies.

Currently 500 Dolis are being operated in Uttarakhand and 200 more Dolis will be added in next phase. In near future, Andhra Pradesh Government is about to float a tender to provide 1500 Dolis.
**MOBILE MEDICAL UNITS (MMU)**

As the name implies, MMU enables to meet the healthcare needs of individuals who may not have transportation or access to hospitals, clinics or medical offices. It is specifically targeted to reach the people of rural areas. MMU is equipped with all the basic instruments and medicines to provide various services and counseling to the people. GVK EMRI operates 60 MMUs in Andhra Pradesh and 1 MMU in Uttarakhand.
Aiming to reduce the neonatal mortality rate, GVK EMRI has launched Neonatal Ambulance equipped with all the facilities to shift newborns to emergency care. The ambulance is provided with state-of-the-art equipments like a Transport Incubator, Ventilator, Pulse Oximeter, Suction Apparatus, Transilluminator and advanced life-saving medications like Surfactants, Fresh Frozen Plasma etc. Besides it, a Neonatal Emergency Medical Technician (NEMT) will be present in the vehicle to attend to the infants.

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104 HEALTH HELPLINE

‘CALL 104' is the service which provides information and advice pertaining to healthcare. With the help of this facility, people can dial 104 and talk to the paramedics. The paramedics will then guide them about primary action need to be taken in case of any health emergency.

GVK EMRI launched 104 operations first in Union Territories viz. Dadra Nagar Haveli and Daman & Diu on 21st November, 2012. Recently the project was approved by Tamil Nadu Government and the services going to be launched very soon within 2 months. In the near future, GVK EMRI is contemplating to launch it in Jammu & Kashmir along with 108 services.
GVK EMRI
Celebrations of saving lives
Involving people. Applying knowledge.
Making things happen... to serve the country.
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