Getac

Getac Case Study
Product Applications

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Rugged Mobile Computing Solutions





- **Getac Solution**: Getac E series
- **Geography/Customer** :
  - Europe, German largest frozen food company
- **Segment**: DSD (Direct Store Distribution)
- **User Scenario/Application**: A tailor-made GETAC tablet PC solution for the trucking system of a major European frozen food company. The integrated device combines advanced solutions and technologies for logistic coordination tracking, and transaction/payment management .

  The company utilizes Getac E series, integrated with magnetic stripe reader, digitizer, and sunlight readable display. Drivers deliver goods and collect payments door to door. When merchandise is received, the driver can handle credit card payment with customers' high-resolution signatures & print-out receipt via B/T printer in the truck. After it is made, the transaction data will be saved and reported to the office server via 3G simultaneously,.







- **Getac Solution**: Getac M & B series
- **Geography/Customer**:
  - France, French Army
- **Segment**: Military
- **User Scenario/Application**: assisting soldiers' routine patrolling; under various harsh road conditions Getac's solutions help soldiers execute the data transmissions with data protection and task completion.





- **Getac Solution**: Getac M & B series
- **Geography/Customer**:
  - UK, the Scottish Ambulance
- **Segment**: Public Safety / EMS
- **User Scenario/Application**:

Background: the Scottish National Risk and Resilience Dept. is in place to plan and respond to major and large scale emergencies. To ensure the tactical response units are able to deal with emergency patients quickly and efficiently, it's essential that they can instantly gather information about a scent and that why's the department chose Getac M-series.

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- **User Scenario/Application**: (continue from the Case: the Scottish Ambulance)

  For the Scottish National Risk and Resilience Dept., the most significant benefit of M-series is to help them eliminates the need for phone call and written documents, which makes it easier and quicker to gather the information while dealing with an emergency. In addition, the rugged technology of M-series enables the responders to work in all sorts of environments and in some harsh weather conditions. Getac M-series also features with Getac's sunlight readable technology and extra long battery life which is the key to win the customer. These features enable the responders to work anytime, anywhere which they would not be able to work as efficiently in the past.

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- **Getac Solution**: Getac M series
- **Geography/Customer**:
  - US, California Firefighter
- **Segment**: Public Safety
- **User Scenario/Application**:

Getac M-series fully rugged notebook features with sunlight readable screen, built-in GPS and wireless radio transmission capabilities enables the fire and emergency officials to operate behind the fire lines with local, state and federal emergency responders. “With ESRI’s ArcGIS software, Getac M-series notebook can integrate, mange and analyze large amounts of real-time geographic and other fire and terrain conditions”. Getac M-series notebook and these information help fire commanders generate two-and three-dimensional maps of fire perimeter so that the commander can map out fire rescue strategy, allocate resources as well as equipments efficiently.

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- **Getac Solution**: Getac M series
- **Geography/Customer**:
  - US, LA Glendale PD
- **Segment**: Public Safety
- **User Scenario/Application**:

Background: LA Glendale Police department would like to replace their aging fixed-mount models on their patrol car with a more economical solution. Simultaneously, the solutions have to provide more mobility and flexibility to the officer, and have to withstand the 24/7 use and extreme conditions of police patrol driving.

The LA Glendale Police department adopts Getac M-series notebook and docking station on their patrol car. The GETAC docking station allows the officers the flexibility of removing the unit from the vehicle and working from different locations. With M-series wireless connectivity, it allows the officers to write their reports directly to the server from the field, which is where they need to be.

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- **User Scenario/Application**: (continue from the Case: LA Glendale PD)

Today the department is working to switch their 900 MHz radio connection to Sprint's EVDO broadband. They use the GETAC's rugged computers for everything from e-mail, criminal records checks, CAD (dispatch software), in house records system, BOLO (Be On the LOokout) and even the county fingerprint database. Some of the city's cars are quipped with license plate recognition cameras and software and some of the cars are being outfitted with in car video cameras that will upload to the station via an 802.11g WiFi connection where the vehicles are parked.

Getac M-series solutions have transformed the way law enforcement officers work by providing instant access to dispatch information, criminal history databases and other critical tools that help free up the radio.

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- **Getac Solution**: Getac PS series
- **Geography/Customer** :
  - US, California Firefighter
- **Segment**: Public safety
- **User Scenario/Application**: Getac PS series solution to be mapping out a firefighting strategy with GPS & GIS software. Faster response by the US federal, state and local emergency agencies, which Improve collaboration between geographically dispersed emergency teams. Provide more effective application of emergency personnel and resources.

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- **Getac Solution**: Getac A & CA series
- **Geography/Customer** :
  - USA, Texas state police select A-series for state wide sheriff
  - The Polish Police project select CA series in Vehicle application
- **Segment**: Public Safety

User Scenario/Application: instant access to dispatch information, criminal history databases

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- **Getac Solution**: Getac M & CA series
- **Geography/Customer** :
  - US Police for metropolitan peace force
  - Canadian government for mid east peace force
  - Singapore Coast Police Guard
- **Segment**: Public Safety
- **User Scenario/Application**: instant access to dispatch information, criminal history databases

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- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - US Federal government
- **Segment**: Law enforcement
- **User Scenario/Application**: instant access to dispatch information, criminal history databases

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- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - US, Williamson EMS/Ambulance
- **Segment**: Public Safety

User Scenario/Application: emergency treatment & rescue, bundled with GPS & 3G system to communicate with rescue center.





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- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - US, AS&E border guard/customs officer
- **Segment**: Public Safety
- **User Scenario/Application**: Customs X-ray scanning system for fast investigation of illegal immigrant @ border between US and Mexico; scanning track from smugglings.

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- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - The South Pole
- **Segment**: Professional service / Field service
- **User Scenario/Application**: GIS surveying, scientific research, environmental protection, ecological protection applications.

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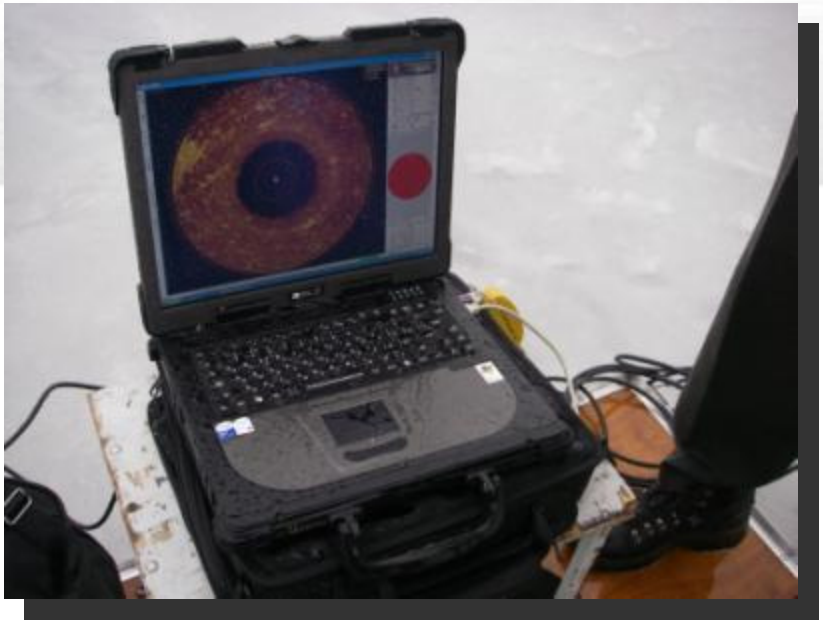

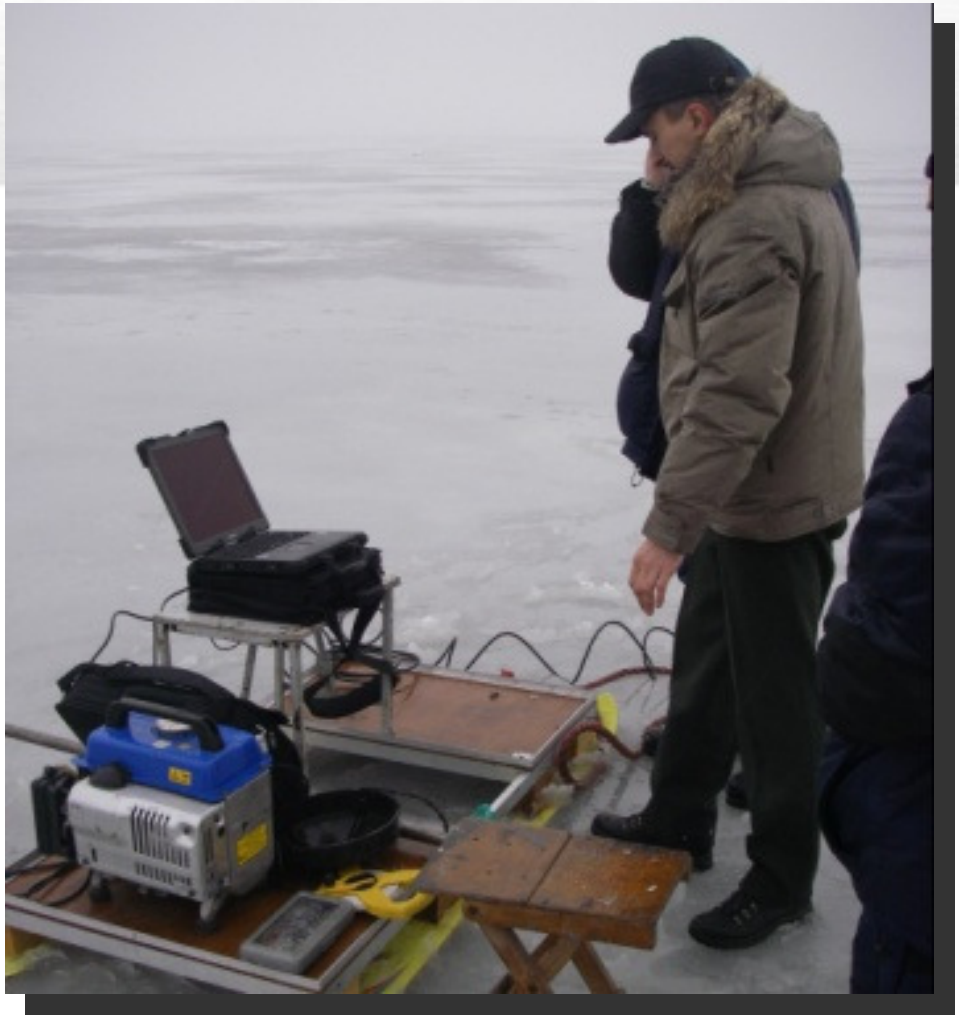

- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - Murmansk, Russia, ”Peter Diving Services” Joint Stock @ Murmansk area
- **Segment**: Professional Service
- **User Scenario/Application**: Getac M-series was applied to detect the location of sunk plane in northern Russia area.

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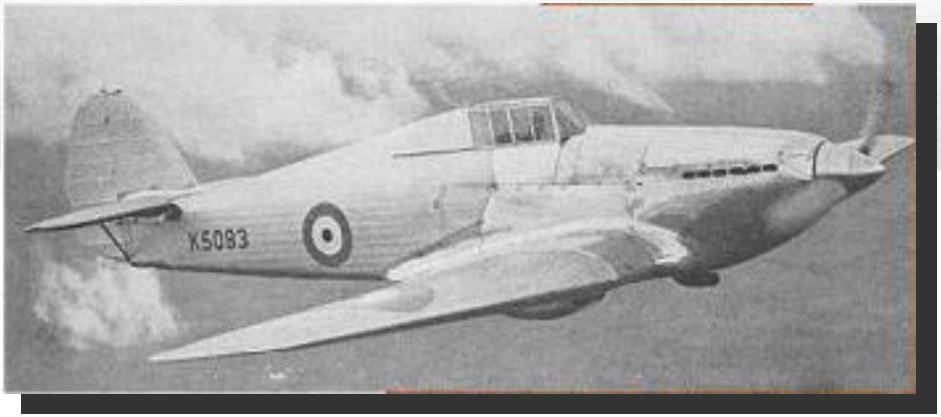

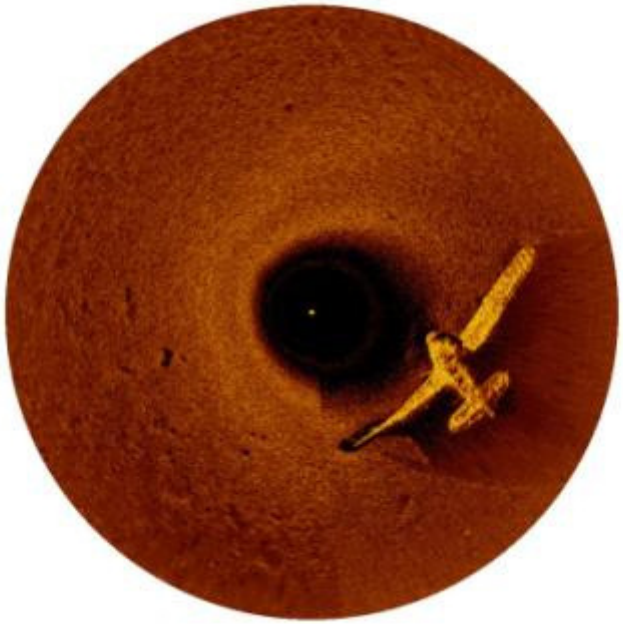

User Scenario/Application: (continue from the case: Russia ”Peter Diving Services” Joint Stock @ Murmansk

Getac M-series was loaded with PC-based Scanning Sonar (Simrad MS-100), Kevlar Cable, and 675KHz high resolution scanning sonar head, and eventually captured the image of WW2 Hawker Hurricane wreckage, This plan had been “lost” for 50 years before her location was reported.

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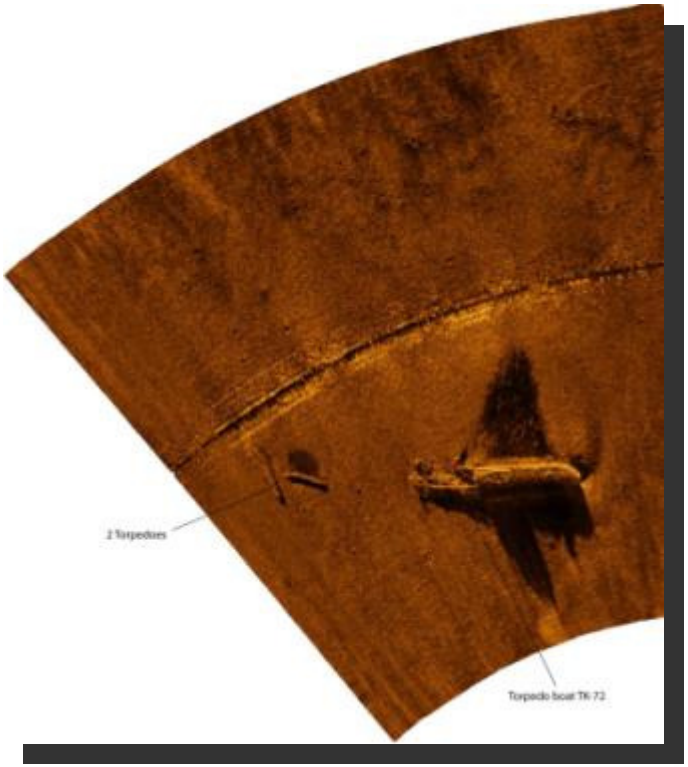

- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - Russia, “Peter Diving Service” Joint Stock, @ Black Sea, Kerch strait,
- **Segment**: Professional service
- **User Scenario/Application**: Getac M-series works as a part of a hardware complex for the survey of underwater objects, and processes signals arriving from side scan sonar, GPS navigation, magnetometer and sub-bottom profiling.

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- **Getac Solution**: Getac M series
- **Geography/Customer** :
  - Russia Voronezh
- **Segment**: Utility
- **User Scenario/Application**:

Getac M-series is utilized on a tractor-amphibian “Truxor” for a lining position design for the drying channel among cane thickets.

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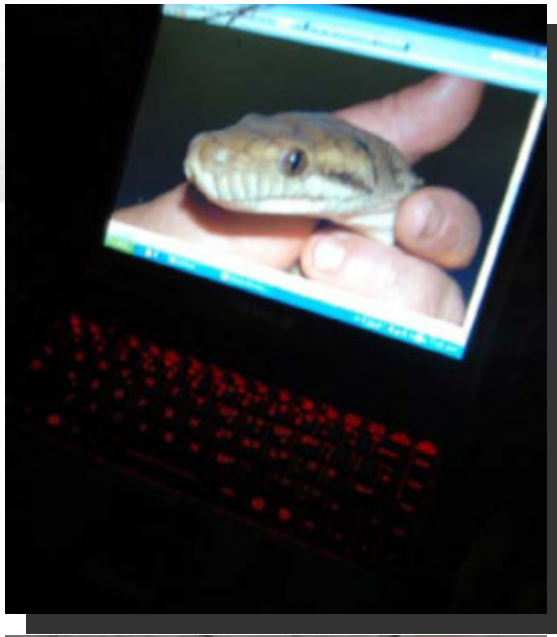

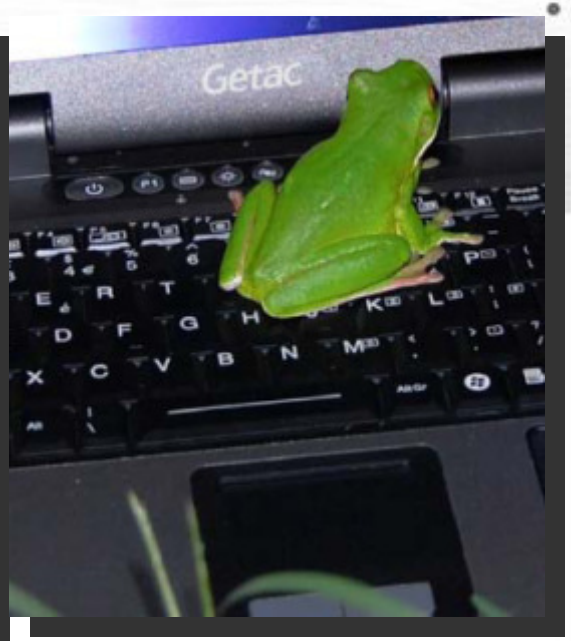





- **Getac Solution**: Getac B series
- **Geography/Customer** :
  - Australia, Tropical Rainforest at Kuranda, Queensland
- **Segment**: Professional service
- **User Scenario/Application**:
  Getac B-series' night vision, dust resistance, waterproof capability were invaluable and saved a lot of time and rework back at base..

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- **Getac Solution**: Getac A & CA series
- **Geography/Customer** :
  - US, Boeing
  - France, AIRBUS
  - AVIS airport bus for passenger registration
- **Segment**: Transportation
- **User Scenario/Application**: Locomotive maintenance

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- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - US, Boeing V22
- **Segment**: Military (Transportation)
- **User Scenario/Application**: as a maintenance equipment to inspect the air crafts condition or component modules performance.

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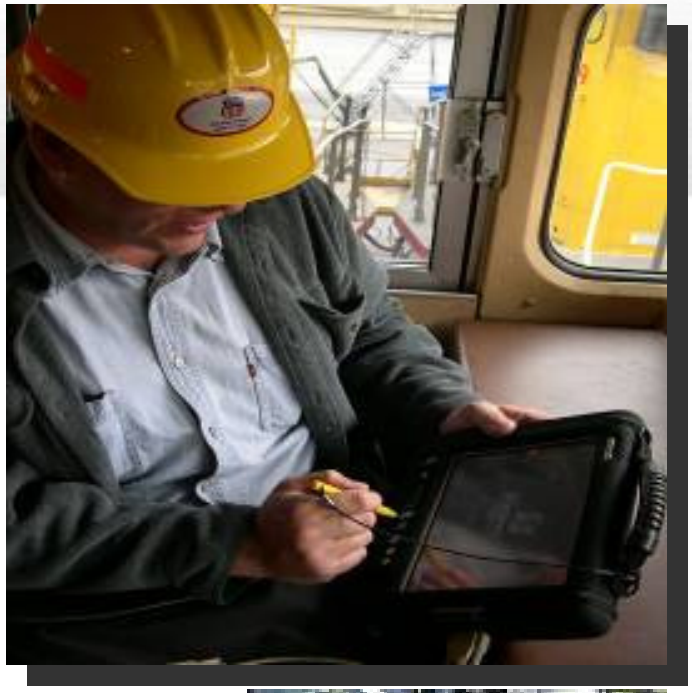

- **Getac Solution**: Getac CA series
- **Geography/Customer** :
  - US Railway
- **Segment**: Transportation
- **User Scenario/Application**: as a maintenance equipment & diagnostic checking for train's condition or component modules performance.





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- **Getac Solution**: Getac V series
- **Geography/Customer** :
  - China, Sichuan Railway
- **Segment**: Transportation
- **User Scenario/Application**: served as maintenance equipment & inspection for rail track condition/alignment.

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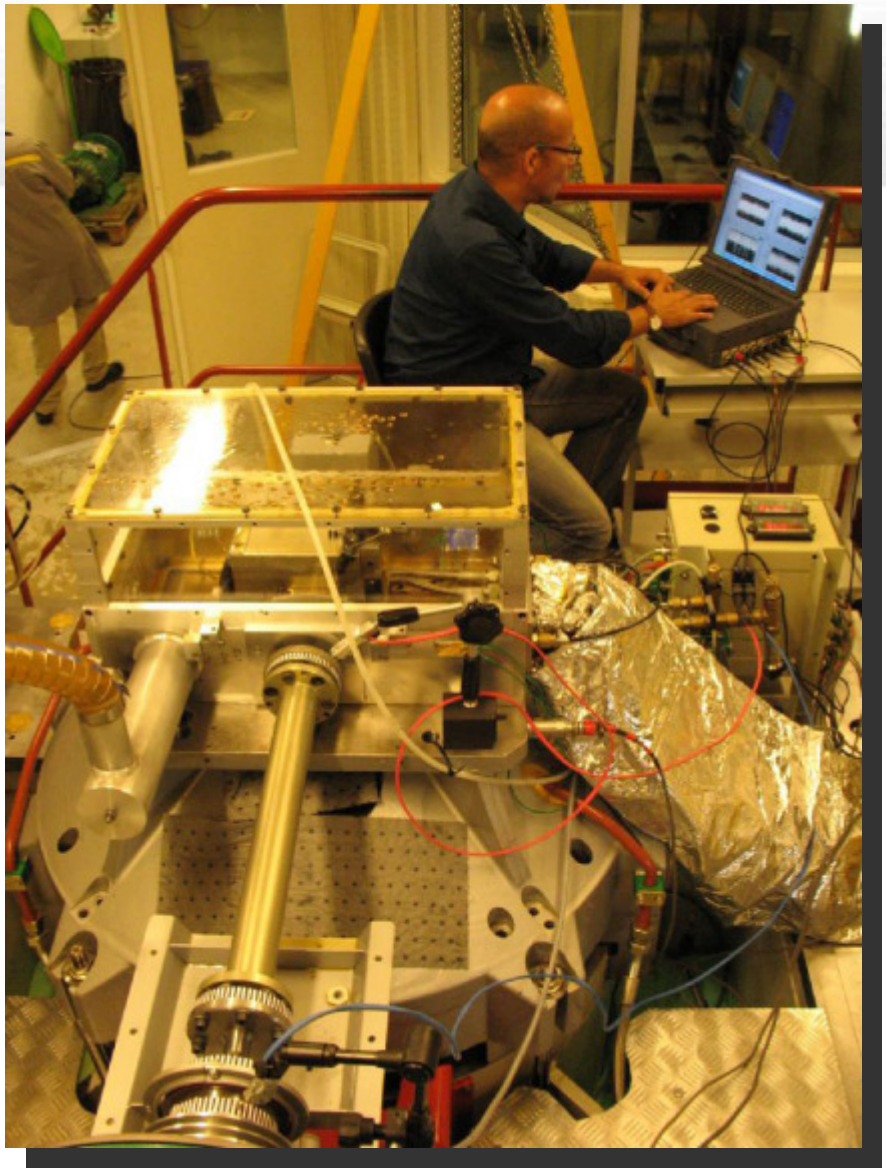



- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - France
- **Segment**: Industrial/Manufacturing
- **User Scenario/Application**: Getac A series is daily performed with BNC connectors to assemble a multichannel analysers for her French clients.

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- **Getac Solution**: Getac A & CA series
- **Geography/Customer** :
  - US Army
- **Segment**: Military
- **User Scenario/Application**: used in the field as a front end observation center, bundled with GPS, reporting current location to commander.

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- **Getac Solution**: Getac A & CA series
- **Geography/Customer** :
  - US Army
- **Segment**: Military
- U**ser Scenario/Application**: helps solders to collect battle field data, being communicated with the commander.

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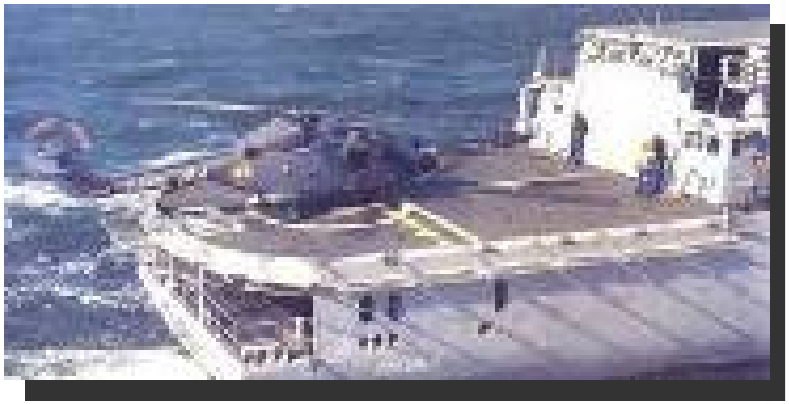

- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - US, NMCI project for world Navy & Marine intranet
  - US Marine Corp. for unman vehicle communication
- **Segment**: Military
- **User Scenario/Application**: assisting US NAVY to work on air craft maintenance.

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- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - US Army in Kuwait
  - Sweden Army project with Expansion unit in Tank
  - German BWB project for Army
- **Segment**: Military
- **User Scenario/Application**: as a satellite tracking system for location tracking and connection to the command center, executing command and control applications.



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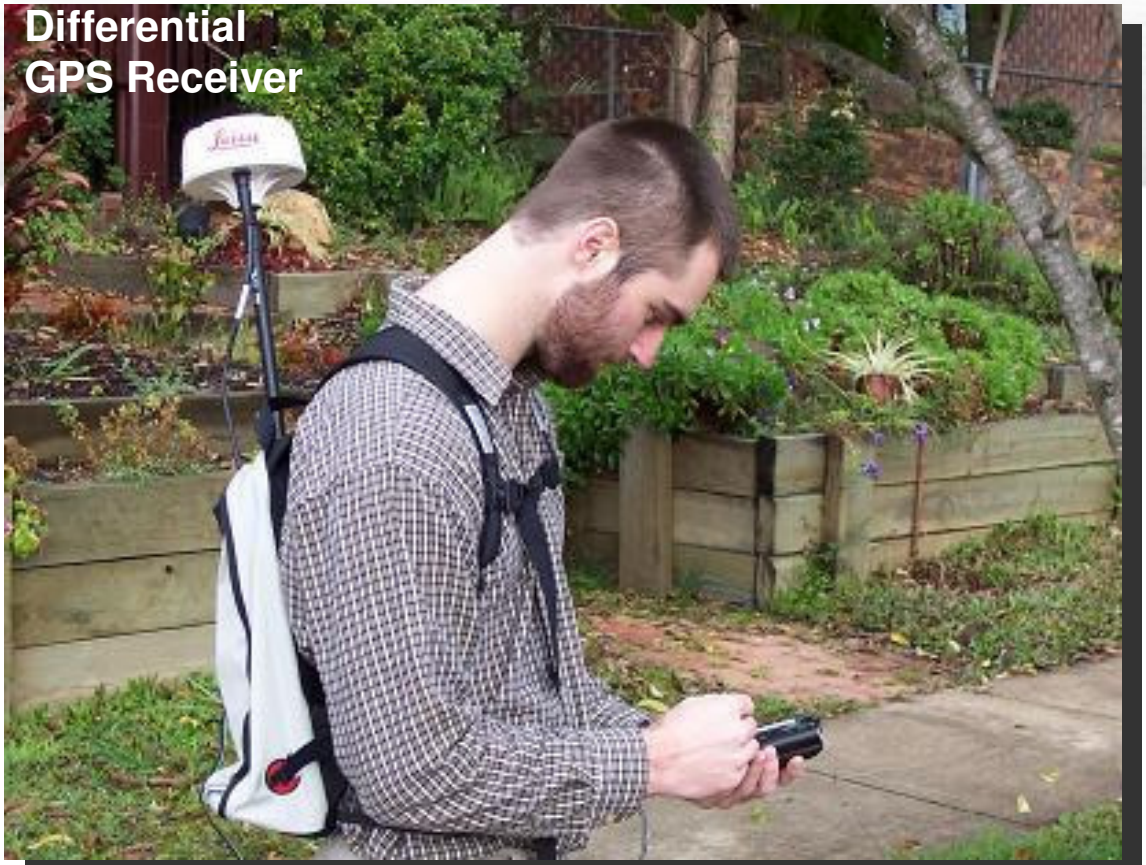
- **Getac Solution**: Getac A series
- **Geography/Customer** :
  - German Army
- **Segment**: Military
- **User Scenario/Application**: maintenance & equipment performance inspections for tank





- **Getac Solution**: Getac PS series
- **Geography/Customer** :
  - Germany, GIS Co
- **Segment**: Utility, field service, field sales
- **User Scenario/Application**: GIS Surveying and Positioning; Device Controller, Data Capturer & Transmitter.

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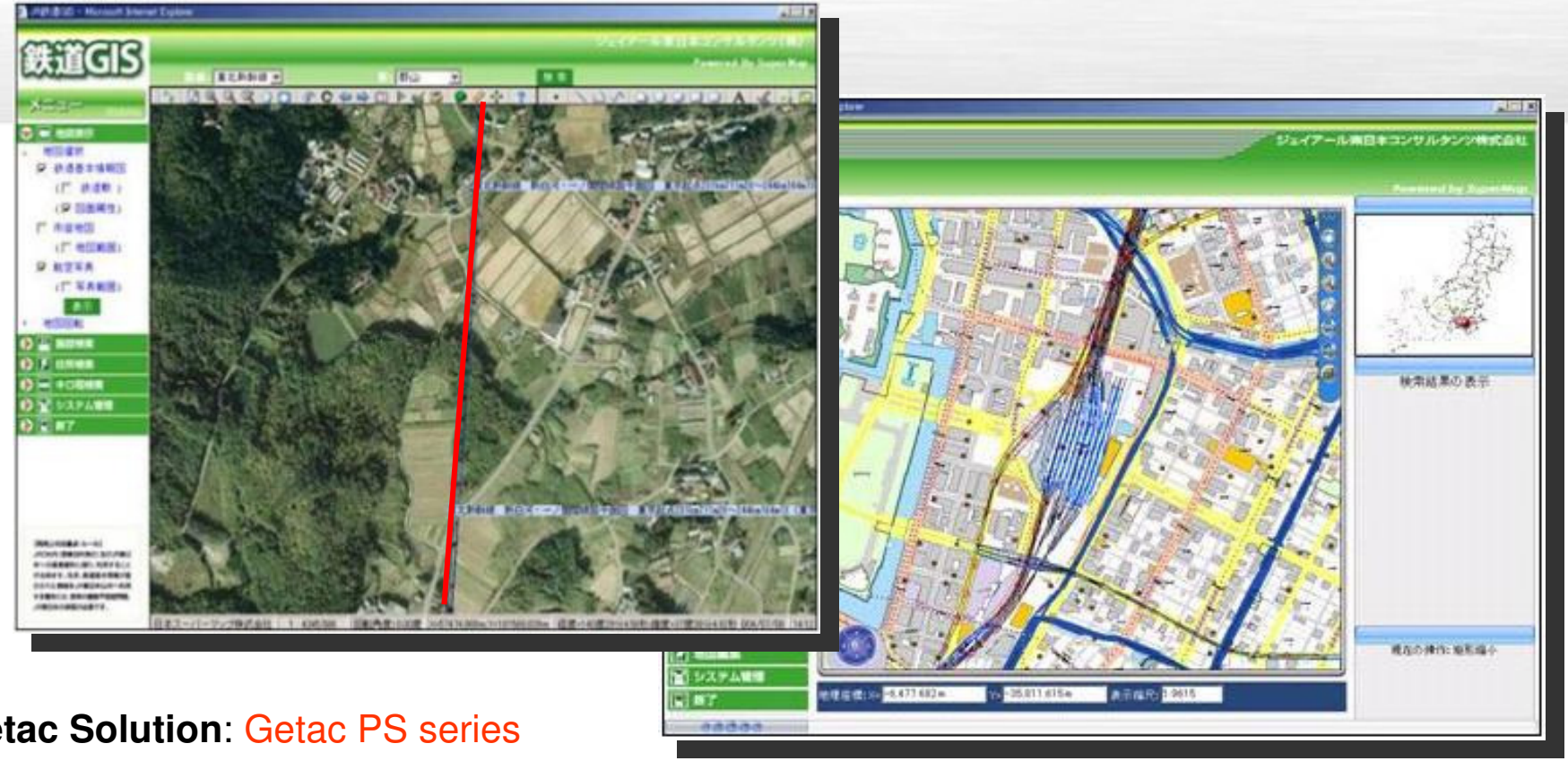

- **Getac Solution**: Getac PS series
- **Geography/Customer** :
  - Japan, JP Railway Co
- **Segment**: Field service
- **User Scenario/Application**: Railway Navigation System, the application is for field railway engineers to navigate the railway in real time and to report the accident event with precise location.

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- **Getac Solution**: Getac E & PS series
- **Geography/Customer** :
  - Germany, GIS company
- **Segment**: Mining/Construction
- **User Scenario/Application**: Gas detector with sub-meter GPS receiver

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- **Getac Solution**: Getac A & M series
- **Geography/Customer** :
  - US, Halliburton
  - Africa Oil Co.
  - Canada, Slumberger
  - Russia Oil company
- **Segment**: Oil & Gas
- **User Scenario/Application**: used for on-site surveying, data recording (e.g. drill hole inclination, azimuth, depth and the drill bit wearing status), data analyzing, and data sharing with other equipment.

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- **Getac Solution**: Getac M & CA series
- **Geography/Customer** :
  - Germany, O2 Telecom
  - LogiNet
- **Segment**: Utility
- **User Scenario/Application**: Hotel cable TV & Telecom maintenance



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- **Getac Solution**: Getac A & M series
- **Geography/Customer** :
  - US, Florida Tampa electricity for electricity field service
  - Rockwell
- **Segment**: Field Service & Utility
- **User Scenario/Application**: Industrial test & measurement application

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Powering your needs through Getac rugged solutions



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Thank You

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