MAGAZINE FOR GEOSPATIAL TECHNOLOGIES

SPOTLIGHT

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EDITORIAL



Dear Reader,

Many thanks for picking up a copy of the second issue of our halfyear Orbit Magazine. As you can see, we are continuing down the path trodden so successfully last year with the rejuvenation of our company.

The services we provide for local authorities and safety departments are highlighted in the various case studies featured in our magazine. If you are engaged in other activities within your service or department, I hope that these stories, topics, approach and experiences can serve as inspiration for you. Our team of specialists will also be happy to assist wherever they can.

A new focus in this issue of Orbit Magazine is the attention currently being paid to mobile applications. Now that mobile mapping data is becoming widely available, it's good to know that you can also access this useful information on your intranet, iPhone or iPad.

This demonstrates that innovation is not something you can only benefit from on your desktop or server – or via complicated algorithms and procedures. Innovation gains momentum and relevance by making availability, openness and access to a wide range of geospatial resources simpler than ever before. Which is something very close to our heart.



We hope you enjoy reading Orbit Magazine.

Peter Boune

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MONS/QUÉVY POLICE ZONE USES MAPPING AND GEOLOCATION

MAPPING INCREASES THE RESPONSIVENESS AND EFFICIENCY OF DAY-TO-DAY JOBS



No matter how essential and necessary they may be, the administrative side of a police officer's job can still often be monotonous and time-consuming. But these days there is a range of IT applications available that simplify humdrum tasks and have a positive effect on the quality and efficiency of carrying out jobs, both behind the scenes and out on the beat. A good example of this are the mapping and geolocation solutions from Orbit GT (Orbit GeoSpatial Technologies) that the police zone of Mons/Quévy has introduced for making high-quality reports and statistics available both to its own staff and for external partners.

The Mons/Quévy police zone is staffed by 322 police officers and 80 civilians. They service almost 100,000 residents (90,000 of whom live in the town of Mons itself) across an area of over 200 km². Like every other police district, Mons/ Quévy is responsible for a wide range of tasks: managing open spaces and maintaining public order, preventing and reining in crime, controlling the traffic, providing assistance to the victims of crime, restricting public nuisance and supervising sporting, cultural and festive events.

The mapping solution used by the Mons/Quévy police, which was installed in the autumn of 2009, has developed to become one of the most important tools used by the Development and Strategy department, which provides support to all official bodies in the policing district. This department, which is managed by Alexandre Berte, consists of two services: the 'Observatory of Incivility and Criminality (OIC)' and 'Telematics'. The fact that these two services complement one another means that a highly effective mapping tool can be made available to the both the police zone itself as well as the various partners involved.

The task of the OIC is to collate all of the information gathered and generated by the various departments. It then records, manages and monitors this data so that it can publish statistics about crime and public nuisance. These figures are then made available to the courts, prevention services and local government departments in Mons, or for third parties that ask for specific information. For example, information has already been provided to Belgian Railways, as well as to students for their course dissertations and theses.

The Telematics department is responsible for the technical management of all IT applications. The IT staff has adapted a number of applications so that they can use the mapping software in conjunction with a number of existing databases.

The Orbit GT mapping tools are used for various purposes: making diagrams of traffic accidents, focusing on crime and public nuisance, monitoring events (Ducasse, cycle races, etc.) and producing action plans. "The system offers unlimited opportunities," emphasises Mr Berte. "We are able to create a new map for every new event or action plan."

Optimum responsiveness

To process all the statistics generated, the OIC decided to use its own database (Access) in conjunction with the ISLP application (Integrated System for the Local Police).

"The information in ISLP is too general and not all of the categories defined in it are relevant for our particular policing district. To be able to use it effectively, we had to create groups and adjust the qualifications involved – and that took us too much time. So, to get operational more quickly, we decided to keep using our own Access databases as the basis for our mapping system, although over time we will undoubtedly be able to integrate our information with ISLP."

The ISLP data is retrieved from the program every day. "My staff check all the information and make corrections if required – because sometimes the details need to checked," says Mr Berte. "This data is then imported into an Access database. The big advantage is that we can always be sure of the rel-



"Mapping has become a tool that we can no longer do without. It enables us to respond very quickly to certain, sometimes very fleeting situations and, for example, to adjust the frequency or size of our patrols at specific locations or times."

Alexandre Berte, head of the OIC service of the Development and Strategy department for the Mons/Quévy police district

evance of the information in our own Access database, whereas we have to purge the ISLP data first." The final data is then exported from the database to the Orbit server, which automatically generates a map display.

Working simultaneously with ISLP and Access databases does of course mean that more data has to be entered into the system. "But the number of manhours that that takes is offset by the quality and immediate availability of the information and the greater flexibility of handling queries."

Versatile usage

The Mons/Quévy police zone has installed various modules of the Orbit solution. First and foremost is the InfoCenter, which makes it possible consult various databases in an integrated manner. But there are the modules for Sketching (diagrams of traffic accidents), Traffic Analysis and Crime Monitoring. A number of layers have been created (mapping overviews of certain sectors of activity or geographical concentrations): the sectors covered by local police officers, pharmacies, night stores, telephone shops, schools, residential or industrial zones, buildings in the town, etc. One of the reasons the police opted for the Orbit system was that defining the import criteria in InfoCenter is extremely easy and flexible. "We can make selections based on locations and individuals. Because there is so much flexibility in making queries, we are able to display the most relevant information for example based on the matter being submitted to the police board each week. The queries received give us an integrated overview of events: the individuals involved, the number and type of action taken in relation to these individuals, the number of fines issued and reports written, margin notes, etc."

The tool's versatility and power makes it even more attractive because you can generate results quickly. "As local police, we need to be able to respond quickly. Using other programs, it took us longer to present the results, figures and conclusions that the corps commander wanted. He wants results the same day, not a week or a month later."

The ultimate purpose is not just to generate visual geographic displays and reports with more information, but also to achieve what Alexandre Berte calls 'simplified automatism'. "Depending on the teams, the profile of the recipients and the mapping results, queries are exported to the intranet site where our partners can access the information wherever they happen to be: in a room at headquarters, in one of the 4 district police stations, in a satellite office - for example, in the field they can use a smart phone - or even at home. That way, for example, the corps commander can view all of the information he needs from home. The recipients are told by e-mail that they can consult the reports that are available on a secure server via the link sent to them. This functionality is already in place for general crime reports. It will also soon be available for mapping."

Time-savings and increased efficiency

Before Orbit, everything – from traffic accidents to general incidents – had to be recorded manually. "Now everything is a lot faster and more accurate, saving us a huge amount of time," says Mr Berte.

The benefits are particularly obvious when it comes to reporting an accident. Until recently, officers had to transfer the notes and sketches made at the scene on to a form and graph paper. "If the officer made the slightest mistake or left anything out, he had to do everything again. This, of course, made it a very time-consuming task: every detail and piece of information - the position of the vehicles, tracks and broken parts, a drawing of the street, the location of the buildings - everything had to be shown. Now the officer passes on a form with the basic information (sketch, name of the street, etc.) to a staffer at the OIC, who then enters it all into the Orbit system. Because we have total control over the system and all the topology (buildings, location of the streets, etc.) is entered in the geo-databank, we can come up with a final plan in just a few minutes. The following day, the police officer finds the plan in his mailbox. This task not only requires far less effort, but the quality of the report is also much improved. This, of course, is also beneficial for the courts, which receives the document.

Another advantage of the Orbit solution is that we can update the mapping entered in the system." For example, we can update the street maps, add new configurations (new roundabouts or buildings) without having to wait for the official new maps to be sent out by the Region.

'Doudou'

The Ducasse event in Mons, known as 'Doudou', is the traditional feast of the patron saint that ties up the centre of Mons for a week. It is also a busy period for the officials organising events. Four hundred police officers are on standby round the clock. The Orbit solution, which has been used since 2010 to draft a daily report of incidents recorded, is a major help, says Alexandre Berte. "Mapping for example can enable us to see immediately that something has happened outside the town, whereas perhaps we had expected the biggest risks to be in the city centre on account of the festivities going on there. This means we are able to decide quickly to deploy additional patrols in that particular sector. Mapping also enables us to visualise



"For me, Orbit is a tool that enables me to do my job properly: drafting effective reports and making the objectives of a police department a reality. And I'd still like to get more out of it."

Alexandre Berte, head of the OIC service of the Development and Strategy department for the Mons/Quévy police district



Visualization of an analysis by street. Red = high score, green = low score



Gradual visualization of an analysis by density

and closely monitor developments related to various criminal acts (crime in general, car theft, ordinary theft or break-and-enter, attacks on individuals, etc.) day by day, sector by sector, district by district. That way the public order department can adjust its patrols on an ongoing basis."

Thanks to the statistics that are produced at intervals of 4 to 6 hours (depending in whether they relate to general or specific crime), we are to use coloured dots of different sizes to indicate the risk sectors: the type of misdemeanour differs from sector to sector, as well as according to the day of the week (when the fair is on, the number of petty thefts increases) or time of the day (the type of crime and vandalism differ according to the time of the day – or night).

The OIC has also purchased a plotter for printing off the incident statistics generated by Orbit in A0 format. "That way the police commander receives a clear picture of the situation every day." It's the ideal tool for achieving optimum management of events and manpower.

Immediate understanding

Mapping produces reports and documents that give managers and senior officers a visual dimension, which presents a number of advantages. It gives you an immediate and more intuitive insight into a situation. It is also easier for managers and officers to pass on information to their teams and take practical decisions guickly. When following up on a traffic accident, for example, indicating the location on a map, by type of accident (where there are injuries, drink-driving, a typical weekend accident, etc.), tells the police immediately which areas requires changes to the traffic lights or signage, or where risks can be limited in the future by making adjustments to the infrastructure.

Being able to see a situation or problem immediately on a map also enables the people on the ground to orientate themselves better. This is of great value for officers who do not live in the area and hence are less familiar with its geospatial characteristics. That same advantage also has a role to play in communication with other levels of authority or parties involved. "The police services have to be able to justify their role and actions and are accountable at all times to the guardianship authorities. In this context, the mapping tool is a great help."

Working with the provider

Orbit GT helped the OIC team to define and implement the mapping solution. Orbit also designed and installed the main mapping layers and trained users on the system. It continues to assist and guide the policing district in its thinking, because Alexandre Berte wants to be able to make use of all of the capabilities provided by the application. "For me Orbit is a tool that enables me to achieve my aims: draft reports efficiently and make the objectives of the police service a reality. I always want to get more out of it."

The next step is a mapping module for controlling public spaces. "The way I see things, we should be able to generate reports about the profile of the way our manpower is used. By taking the geolocation of our patrols (via hotspots and GPRS communication), we can also use the data to refute some of the complaints and recriminations made by the public. Such as: "I never see any police out on the streets." We will be able to check and document the presence of police vehicles and officers in every area, as well as the frequency and length of their regular patrols."

GEOSPATIAL INFORMATION SYSTEM AN ESSENTIAL TOOL FOR THE MUNICIPALITY OF BEERSE

EFFICIENT MANAGEMENT OF THE VACANT LAND REGISTER





The municipality of Beerse has a population of 17,000 – a number that continues to grow steadily. The municipality is made up of residential, rural and industrial areas. Together with the sub-municipality of Vlimmeren and the municipalities of Vosselaar, Oud-Turnhout and Turnhout, Beerse is part of the Turnhout City Region, which works as an intermunicipal co-op. Some years ago, the council invested in a geographic information system that continues to develop and has since grown into an essential work tool for the council.

Within the administration of Beerse, the Urbanism Department is responsibility for town planning, the environment and mobility. Over the past few years, the level of computerisation, particularly in the area of geospatial information, has developed significantly. The decision to switch to a GIS system was aimed at ensuring that administration of the increasingly more complex legal requirements – register of plans, permit register, register of vacant land, etc. was going down the right path.

Opting for Orbit

In 2004, Beerse began its search for a geospatial information system. At the end of the process, the decision went to Orbit, a package created by the Lokeren-based computer software company, Orbit GT.

In creating a link between the GIS system and the council's software application, Orbit GT also made provision for numerous other requirements, such as building applications, to be registered. This enables council staff to save a great deal of time by retrieving information from the administrative system directly from Orbit.

Accessing the permits register with Orbit

Jurgen Van Echelpoel works in the Town and Regional Planning department and is coordinator of the GIS project: "In an initial phase, Orbit was deployed for the register of plans – an implementation process that went very smoothly and was soon completed. It didn't take us long before we realised that Orbit has a lot more application capabilities to offer. If fact we could see that Orbit would be able to make an outstanding contribution in creating a plan register."

These days, every municipality is required to keep a record of what permits have been issued for all of its plots of land. This is a particularly complex area given that in many cases, permits were issued decades ago. For example, Beerse alone has some 400 subdivisions. Today, the intricacies of the permits register are handled entirely by Orbit: a single mouse-click on the digital map in Orbit allows the user to retrieve all of the permits that relate to a specific piece of land.

"By using Orbit, we have managed to digitise all of the location information in terms of its geography, resulting in fewer errors and easier access to information," says Jurgen Van Echelpoel.

Vacant Land Register (ROP)

Managing the Vacant Land Register was the next and for the time being most ambitious phase of the GIS project at Beerse. As one of the five obligations of the Town Planning decree, every municipality in Flanders is required to draw up an inventory of all the vacant plots of land (ROP) on its territory. As a bonus, Beerse now also uses this register as a conduit for collecting the activation levy. This made possible by going further than simply the mandatory fields to be filled in for the register, but using and documenting the information given to the maximum.

In an initial phase, Orbit carried out an extensive analysis regarding availability of the data needed. All of the required information was entered into new topic-based map layers. These maps were then checked by the department and as a result, the right GIS tools were added to them as standard.

In addition to vector scanning, specific software tools are used to fill in elements of the register automatically, such as land registry details, street widths, Special Location Plans (BPAs) or Planning Implementation Plans (RUPs). Each year, it is used to view a great deal of inspection or groundwork.

Subsequently, information about the owners was added into the system.

Aimed at collecting activation levies

The ROP serves as the basis for the borough to collect an activation levy on vacant plots of land. To encourage owners to build on 'sleeping' plots, revenue can be generated for the council and so spread the maintenance costs for the infrastructure (roads, roadside verges, drains, etc.) across a



"Orbit has become a daily tool for us that we couldn't do without now. However, we continue to innovate on the same platform."

Jurgen Van Echelpoel, Town and Regional Planning Department, Municipality of Beerse "Although we have all been well trained by Orbit GT and can do a lot of things ourselves, we still regularly need the help of specialists. That's when you really come to appreciate the expertise of the people at Orbit GT. As time passes, you get to know one another so well that you know what you can expect from the other person."

Jurgen Van Echelpoel, Town and Regional Planning Department, Municipality of Beerse

larger number of dwellings and plots of land. The activation levy has a second benefit, which is to spare the remaining open space as much as possible by concentrating dwellings in residential areas. In the end, building on more plots of land helps break the spiral of ever-increasing land prices. In fact the price of land has quadrupled since 1992.



Framework agreement and relationship of trust with Orbit GT

The success of the GIS project at Beerse was due largely to the council's outstanding cooperation with the software company, Orbit GT. A framework agreement between the two parties offers a good level of transparency and flexibility, while keeping the administrative process for allocating new assignments to a minimum. "Although we have all been well trained by Orbit GT and can do a lot of things ourselves, we still regularly need the help of specialists. That's when you really come to appreciate the expertise of the people at Orbit GT. As time passes, you get to know one another so well that you know what to expect from the other person," says Jurgen Van Echelpoel.

The future

"Orbit has become a day-to-day working tool for us that we really couldn't do without now. However, we are continuing to innovate further on the same platform. For instance we will soon be using a GPS camera to make the groundwork for keeping the vacant Land Register up to date even more efficiently," concludes Mr Van Echelpoel.



Vacant Land Register as a guide for collecting activation levies

USING 'TRAFFIC OBSTRUCTION' (IOW) IN THE MEETJESLAND CENTRE POLICING ZONE ORBIT GT PROVIDES THE PUBLIC WITH MORE EFFICIENT PROCESSES AND BETTER SERVICE



"When you introduce a systems such as Orbit, you soon see the added value you can offer to make the organisation work more professionally as a whole."

Antoinette Vanden Bossche, Corps Commander at the Meetjesland Centre PZ

The Meetjesland Centre Police Zone (PZ) covers an extensive area that includes the town of Eeklo and the municipalities of Kaprijke and Sint-Laureins as its work territory. With 83 permanent operating staff and 16 civilians, the efficient management of a wide range of administrative tasks for the Meetjesland PZ is a top priority. Since 2007, working with IT partner Orbit GT, a great any processes have been digitised with the introduction of a sophisticated GIS. The Orbit module for 'Trafic Obstruction' (IOW) was actively deployed from the outset - to the great satisfaction of staff.

Virtually unlimited capabilities of the geographic information system

Meetjesland Centre PZ has been working with Orbit GT since 2007. At the urging of the traffic safety fund, Meetjesland Centre PZ purchased the Orbit system to replace manual sketches made on paper with a geographic information system featuring digital maps. However, Orbit was also soon put to work on other applications, such as for producing analyses on traffic and crime.

Antoinette Vanden Bossche, Corps Commander at Meetjesland Centre PZ: "When you introduce a system such as Orbit, you soon notice the added value it has to offer that makes the organisation work more professionally as a whole. For things like traffic analyses, crime analyses, traffic code violations, etc. The next aim was to tackle the processes relating to traffic obstruction.

'Traffic Obstruction' (IOW): control function and recommendation by police crucial

The processes relating to 'Traffic Obstruction' (IOW) are linked to all enquiries and permits that have an effect on the accessibility and smooth flow of traffic on public roads: the placement of containers on the roadway, furniture removal lifts, organising events such as annual markets, cycle races, etc.

Because responsibility for the entire IOW process is shared between the local authority and the police, it has always been a rather cumbersome procedure. The application is lodged officially with the local authority, which passes it on to the police, who are reguired to issue a recommendation. For example, they check to see whether the application conflicts with another event being held at the same time. After that, the recommendation is sent back to the local authority, which - if it is positive - issues the permit. Finally, all of the details are recorded carefully by the police.

In the past, the registering of IOW details at Meetjesland Centre PZ was limited to simple lists. As a result of this, though, it was sometimes very difficult to come to the correct recommendation and implement an adequate control function.



Visualization of all currrent obstacles. Every obstacle has its own icon for quick interpretation.

"Imagine that someone lodged an application a few months ago to place a container in the roadway and today another application arrives to hold a cycling event in the same street. It is for this type of situation that Meetjesland Centre PZ has to be able to provide the right recommendation straight away. With the admin side paper-based, that was particularly difficult," says Antoinette Vanden Bossche.



"When a member of the public asks a question, you need to be able to answer quickly and correctly. Thanks to the introduction of Orbit all enquiries for IOW are recorded electronically and can be viewed immediately on a digital map."

Johan Verschaeve, Technical System Manager at the Meetjesland Centre PZ

Introduction of Orbit for IOW: better access to information

Johan Verschaeve, Technical System Manager at Meetjesland Centre PZ: "When a member of the public asks a question, you need to be able to answer quickly and correctly. As a result of the introduction of Orbit, all enquiries for IOW are recorded electronically and visualised on a digital map. The system enables us to see immediately where any conflicts or problems may be located."

Better service by keeping data on a tighter rein

The Orbit system provides the ability to link any new data entry to a digital file. The information that used to be scattered everywhere in the past has made way for a single centralised file in Orbit. That way, users are able to view a specific permit with a few mouse-clicks and see all of the information relating to it without delay.

In a subsequent phase, PZ Meetjesland Centre PZ and the local authority aim to simplify the whole process even further. Because of the wide area of overlapping responsibility between the local council and the police, a great deal of time is still lost between a permit being applied for and the time it is finally registered. Meetjesland Centre PZ would then work with the council to evaluate whether the application, recommendation, issue and registration of the IOW permits can take place with the police. This would save an appreciable amount of time.

Training vital for users

Antoinette Vanden Bossche refers to the importance of good user training: "Anyone who invests in a system such as this must realise that they have to spend the time required teaching users to work with it. This is a task that Orbit GT carried out in an outstanding manner."

Orbit GT: professionals in their field

Meetjesland Centre PZ also greatly values the professionalism of the staff at Orbit GT. "The people at Orbit GT know their market through and through and really think in step with us. To sum up, the collaboration between Meetjesland PZ and Orbit GT has been a particularly positive experience," concludes Ms Vanden Bossche.

TRAFFIC OBSTRUCTION EVENTS FOR THE FIRE BRIGADE AS WELL AND REAL-TIME NAVIGATION.

The speed of intervention for the fire brigade and ambulances is even more important than it is for the police services. The fire brigade uses previously optimised access routes so that they can get to the scene of the emergency as quickly as possible under all circumstances. So it is very important for the fire brigade and ambulance service to be aware at all times of any temporary, recurring and permanent obstacles that might adversely affect the speed of their intervention so that information about all access roads can be updated in good time.

Previously, communication on this matter between the various official services was not always ideal: not all events and incidents were being passed on accurately and in timely fashion to the emergency services by the authority issuing the permit. In particular, there was a lack of a conclusive and central registration system.

The 'Traffic Obstruction' (IOW) application is the perfect solution to this problem: information about all types of obstacles on the public domain is now shared automatically between the various services, each with its own area of operations, interpretation or internal organisation adapted to each problem. One-off, long-term or permanent obstacles on the roadway now all show up clearly on the screen.

The dispatcher is informed immediately and has a full overview of the possible obstacles that exist here and now that might be a hindrance for an emergency services: both the fire station and the location of the emergency are displayed together on the map. As a result of integration with the knowledge databases of AbiWare for the fire brigade and ambulance services, the department is able to provide them with a reliable and effective tool in carrying out their important social duties. Which is why IOW.be, along with both AbiDispatch and AbiPlan, deserves to be part of dispatch department procedures in every fire station.

Finally, having this data registered centrally provides another very effective advantage: more specifically, data can be retrieved in real-time by the specialised navigation systems, so that when the vehicle leaves, it receives a message to say there's an obstacle on its route and so a new and appropriate route can be calculated immediately.

Pol Van Cleemput, CEO AbiWare



Public Roads Usage data integrated in the Dispatching tools of Abiware



eal-time notification and recalculation of the route based on the IOW-webservice

OPENING UP YOUR PANORAMIC IMAGES ON IPAD AND IPHONE

The increasing use of smartphones, iPads and other tablet devices is creating a whole new ecosystem: mobile applications that give you wireless access to the information that is relevant at that particular time and location, wherever you happen to be. There is a clear difference in functional needs and usability between the applications on your desktop, a remote PC, a web application for intranet or Internet, and these new mobile platforms.



At Orbit GT we have been involved for a number of years in researching and developing new ways of working. The first projects were completed in 2009 for Traffic Obstruction (the iPhone application for Traffic Obstruction Data-Gathering) and iPark4U (parking application), and last year the first version of the PanoViewer went on sale in the App Store.

Today, version 2.0 of PanoViewer is available for iPhone and iPad. This version supports the Cyclomedia Atlas service for consulting all cycloramas wirelessly. If you have an account, you can get working right away.

PanoViewer 2.0 now also supports Orbit EOS MoMa Publishing Server, the extension on our standard EOS server for publishing any Mobile Mapping content: panoramic images, but also point clouds (point registrations collated via LiDAR during the same collection process), depending on the manufacturer. EOS MoMa Publishing Server also enables maps and panoramas to be accessed simultaneously on the Internet via Orbit Flex components.

These developments are totally in line with the basic vision of Orbit GeoSpatial Technologies for supporting applications on desktops, servers, Internet and mobiles. We all know about cycloramas or panoramic images, which are very useful and practical in so many work processes. Only now the visualisation capabilities have been revolutionised: entire areas and surroundings can be viewed from the comfort of your office. You can also project your own data on to the image and so trim it against the photo.

But there's more. In the photos you can also make measurements, take a snapshot, or record and document an object in your GIS system.

ASSET INVENTORY MANAGEMENT & MOBILE MAPPING

MOBILE MAPPING IS HOT. TECHNOLOGICAL DEVELOPMENT IS FLYING HIGH IN MOBILE DATA-CAPTURE.

Make inventories

Using Orbit Asset Inventory Management, you can construct and update any inventory you want. At your office. And everything neatly integrates both into your day-to-day work and your central geo-data infrastructure.

Innovate

But Mobile Mapping is more than just pretty pictures. Using LiDAR technology, you can also create scatter diagrams. Each of the dots has a high level of positional accuracy. This scatter diagram increases the accuracy of the measurement. So, combined with images, this is a significant step forward.

With its Asset Inventory Management, Orbit GeoSpatial Tenologies has become the first company to produce a Mobile Mapping integrated solution for make inventories of objects.



GEOSPATIAL TECHNOLOGIES

ASSET INVENTORY MANAGEMENT. YOU CAN'T DO WITHOUT IT.

We innovate. We integrate.



Eurotronics becomes Orbit

Discover Orbit on our new website www.orbitgis.com. Orbit GeoSpatial Technologies: Smart solutions for Government, Public Safety and the Mapping Industry.



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