MAPTYCS®

CASE STUDY

RATP Dev
Gains Deep Insights Into Changing Risks and Exposures With
MAPTYCS® and F.A.C.

Geospatial risk assessment firm MAPTYCS® deepens proactive risk management knowledge for global transportation client RATP Dev through broker F.A.C.

RÉGIE AUTONOME DES TRANSPORTS PARISIENS

MEET RATP DEV

RATP Dev operates and maintains urban and intercity transportation systems on five continents, in order to make distances shorter, boost regional economies and bring people together. Founded in Paris nearly 120 years ago, RATP Dev's first Metro line crossed the French Capital and opened for the Paris World Fair on July 19, 1900, after eighteen months of construction.

Today, RATP Group is one of the world's largest providers of transit. RATP Dev, a wholly owned subsidiary of RATP Group, offers services to urban networks in 16 countries, including North America.

Managing 6 metro networks, with more than 9,000 buses and coaches, 9 tramway networks, cable cars, maritime shuttles, regional rail

connection networks, with a strong ethic and a great sense of responsibility and safety, RATP Dev generates revenues of over 1.3 billion euros in the United States, France, Italy, Saudi Arabia, South Africa, Australia, Hong Kong and Morocco.

A strong focus on global growth as one of the world leaders in passenger transport drives the organization.

RATP is working with FAC to manage their international insurance programs and the access to innovative services and solutions.

MEET FAC

Initially dedicated to "facultative reinsurance", France Assurance Consultants (F.A.C.) has quickly become a recognized specialist in corporate risks, where it acts as an intermediary, an auditor, an advisor, or as a designer of insurance solutions. FAC places the risks on the various insurance and reinsurance markets — in France and international markets — on behalf of its direct clients, or on behalf of third parties like agents and brokers who do not have the expertise to deal with these risks,

or who do not have capacities on their respective markets.

FAC partners with MAPTYCS® to provide innovative and premier services to their clients. They use their geospatial analytics solution to help their corporate clients gain a more accurate assessment and better understanding of their property risks exposure.

RATP DEV

#1 OPERATOR OF AUTOMATED METRO SYSTEM	**15** COUNTRIES
100+ OPERATIONS WORLDWIDE	**1.5** BILLION PASSENGERS PER YEAR
23000 EMPLOYEES	**780+** PARTNER CITIES

THE CHALLENGE

As a large multinational group, RATP Dev needed more visibility into its property and climate risk exposures across the world.

The objective of RATP Dev was to grow and remain competitive in the global landscape, and to better understand the risk exposures. The company requested a solution that would allow a deeper understanding into insured capital and locations worldwide while enabling them to proactively manage climate risks and severe weather events such as tropical storms, wildfire and earthquakes.

RATP Dev also needed a solution that could efficiently integrate into their existing systems and data sources. It would increase the impact of the solution on their operations with proactive risk management that would be supported by a broader range of critical data insights – leading to an improved decision-making process and greater control over the risks.

THE SOLUTION

RATP Dev worked with the F.A.C. team to develop a strategy to better assess and manage its property risk exposures across its worldwide portfolio, using MAPTYCS®, an advanced and easy to use risk exposure management platform.

MAPTYCS® is a geospatial risk assessment solution for property risk exposure management, climate risk analysis, and real-time weather events monitoring. It combines rich data from its clients with proprietary information sources to develop custom risk reports and bespoke analytics.

The goal of risk management at RATP Dev is to be as close as possible to its operations to better anticipate risks and cover them should they arise. By deploying MAPTYCS® software, RATP Dev solved significant challenges to achieve its goal:

> # "RISK MANAGEMENT IS A POSITIVE LOOK AT THE FUTURE RATHER THAN A TRAUMA OF THE PAST.

— **VINCENT MENJOLLE**

INSIGHTS INTO CHANGING CONDITIONS AND RISKS

"With MAPTYCS®, which is an extremely powerful tool, we wanted to have better visibility of our insured capital and locations worldwide, while at the same time enabling us to work on climatic or earthquake risks, for example," explained Menjolle. In addition to mapping current risks, his team uses MAPTYCS® to ensure their insurance programs are aligned with their assessed or foreseeable risks.

Finally, using a sophisticated risk management tool like MAPTYCS® helps RATP Dev define its place as a leader in the marketplace, demonstrating its commitment to proactive risk management among insurers and reinsurers.

"If I were to modestly offer some advice to other risk managers on how to implement these tools, it would simply be to map out their current situation, look at everything that isn't working properly in their organization with honesty, and project themselves onto a target organization to see if these tools will finally meet their needs and not bring an additional burden linked to a new tool, but on the contrary a real liberation from the hindrances we all have in our professions," advised Menjolle.

THE RESULTS

The partnership with MAPTYCS® and FAC has empowered RATP Dev to develop a more nuanced understanding of its insurance policies and exposures. FAC's role was pivotal in integrating this technology seamlessly with existing data systems, thereby enhancing RATP Dev's ability to manage risks proactively.

MAPTYCS® has become integral parts of the risk management of RATP Dev. and has driven the capability for more streamlined, timely analysis that risk managers utilize to make better decisions. With more data — and the ability to use the data in smart ways — risk management is maximized.

Menjolle said, "Time is money, and MAPTYCS® help us save it, enabling me to mobilize my teams around our core business and be more focused on optimization and risk management than administrative management. This allows me to better promote the risk management discipline and our team expertise, both internally and externally."

THE LESSONS

RATP Dev. F.A.C. and MAPTYCS® report growing and learning together through the implementation and deployment of MAPTYCS®. As with many software projects, the fit wasn't quite right out of the box. Through a process of testing and reiterating new versions, the teams found synergy.

Jacqueline Legrand, co-founder and CEO of MAPTYCS®, said: "Through our innovative partnership with F.A.C. and RATP Dev, we have learned many lessons and made changes to better serve our partner. Because we are focused on continuous growth and improvement, much like RATP Dev is, MAPTYCS® has evolved where it makes sense to continue supporting the growth goals of RATP Dev. We anticipate an ongoing evolution together."

In speaking about the lessons learned, Menjolle agreed with Legrand. He encourages his team to utilize the software as much as possible so they can continue offering suggestions and ideas for improvement as the relationship deepens between RATP Dev and MAPTYCS®.

"MAPTYCS® has made my risk and insurance organization grow, and as I've already mentioned, I can't do without it. Not to recommend this solution would be nonsense! We are also grateful to F.A.C. who is providing critical support in the data integration process. With good data, we can fully leverage a Risk Management platform such as MAPTYCS®"

Discussing F.A.C. partnership with MAPTYCS®, Nadia Laamri, General Manager, said " we wanted to offer our clients the access to a modern platform to improve their risk management activities and optimize their risk mitigation and transfer strategies. Our team is trained on the software to support our clients and help them develop analytics and renewal submission reports"

Menjolle had a final compliment for the partnership between RATP Dev and MAPTYCS®: "Encore merci et bravo pour ce superbe outil!"

We use MAPTYCS® to gain a greater visibility of our insured capital and locations, and to assess our natural disasters and climate change risks.

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Vincent Menjolle
Group Risk & Insurance Director
RATP DEV and RATP GROUP

MAPTYCS®

MAPTYCS® is an insurtech company that uses geospatial visualization and advanced analytics technology to help insurance professionals easily manage property risk exposure, assess climate risks and climate change impact, and monitor severe weather events in real-time.

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