control
and containment
epidemic and outbreak management solutions

A powerful response to the threat posed by communicable diseases old and new

In a world where people can cross continents in hours and circle the globe in little more than a day, the threat posed by communicable diseases has never been greater ranging from flu and measles right up to Ebola and SARS. The increasing mobility of the population makes containment harder and the need to act quickly – and effectively – is essential to reduce the risk of an epidemic becoming a pandemic. A powerful response is needed and the ability to mobilise the right resources, in the right place and at the right time is a critical requirement for any governmental, healthcare and aid organization.

That's why we are developing solutions that enable those responding to outbreaks to rapidly access the one thing that can outpace an epidemic: data. By enabling you to track and trace incident reports in real time, analyze patterns and predict the risk of spread, you will have the insight needed to coordinate an immediate and targeted response in collaboration with the necessary stakeholders.

Real-time incident tracking

We've applied our public sector and healthcare experience to create a solution based on the Microsoft's proven xRM technology, using knowledge gained from the delivery of successful management systems for organizations across the world. This robust platform gives you a clear and up-to-date picture of the profile of any outbreak, enabling you to monitor its progress, determine the best actions, assess the results and adjust your strategy as needed.

Providing accurate information to doctors, police, border control and hospitals allows them to prepare for any increase in admissions, be aware and alert to specific symptoms and educate and address high risk groups in advance to reduce the risk of uncontrolled spread. This includes planning treatment programmes, providing checklists and action plans on a global, regional and local level, and organizing the timely distribution of appropriate vaccine – getting the right people on the ground where they can have maximum impact.

The ability to demonstrate decisive and informed action is also a vital element in managing the behavior of citizens. Providing clear instructions and showing that agencies have a coordinated and carefully planned response can reduce the risk of panic, further helping in the containment process.

Predict and prevent

Of course the most effective form of incident management is to prevent an outbreak in the first place. Our software will gather and interpret data from previous outbreaks and apply profiling and analysis to predict high risk areas or, in the case of an existing epidemic, provide likely spread patterns. This gives agencies a head start, meaning that they can plan appropriate counter measures and deploy resources on a proactive rather than reactive basis.

A single information source, accessible everywhere

Our solutions can be fully cloud-based or use a combination of on-premise and cloud technologies to provide a single, consolidated view for all stakeholders. In addition, the use of mobile apps and devices such as tablets puts information right into the hands of workers on the front line, ensuring that there is a real-time flow of data between central management and ground level, further supporting the monitoring of incidents and providing an agile and responsive method of adjusting action to match changing need.

Our epidemic and pandemic systems give you:

▶ Real-time data on outbreaks
▶ Predictive analysis of likely spread patterns
▶ A cloud-based single source of truth for all stakeholders
▶ Ability to coordinate resource allocation
▶ Visibility of response on a global, regional and local level
▶ Rapid two-way communication with field staff
▶ Insight that enables targeted action in high risk areas
▶ Ability to address citizens with a single voice to reduce panic.

AtoS

Confidence in our delivery

We will work closely with you to integrate our proven technology into your existing environment, configuring it to comply with the specific regulations and requirements of your country with a view to supporting a collaborative, multi-agency solution. This will be delivered via the Cloud or the most effective combination of hosting options according to your needs.

As a member of Europe's foremost data protection associations and a leader in secure storage, our robust, seamless technology will move information through your systems effectively whilst our cyber security excellence will prevent internal or external leaks, essential in such a sensitive area.

Atos and Microsoft

Atos and Microsoft have been partners for over 20 years, helping our mutual customers achieve even greater benefits from world-class software based on the Windows platform. Our alliance combines the leading role of Microsoft in the sector platforms (e.g. Windows 8 and Windows Server) and the role of applications (solution, operator and service competence). As a Microsoft Gold Partner we offer outstanding consulting and implementation quality and, with over 5,700 certified employees, Atos has the necessary resources to successfully carry out large-scale projects based on Microsoft technologies.

Supporting your entire journey

Whilst other providers focus only on technology we apply a much more relevant, capability-orientated approach. Our Epidemic Management Solution gives you the tools needed to manage and plan the response to any situation. We will also provide the advice and guidance needed to ensure a smooth transition to the new, more effective environment. Our Epidemic Management Solution is based on existing, proven technology that can be integrated with your existing systems. We will provide the advice and guidance needed to ensure a smooth transition to the new, more effective environment.

Together, Atos and Microsoft will deliver the different thinking and superior information management needed to transform your operations into a much more proactive, agile and informed organization.

Our expertise gives you:

▶ The world's leading provider of healthcare solutions

▶ Epidemic management tools tailored to meet the regulations of your country

▶ A step-by-step consulting approach moving at a pace that's right for you

▶ Highly secure data transmission and storage

▶ Technology that can be integrated into your existing systems

▶ Solutions that optimize the use and maximize the impact of resources.

About Atos

Atos SE (Societas Europaea) is a leader in digital services with 2013 pro forma annual revenue of €10 billion and 86,000 employees in 66 countries. Serving a global client base, the Group provides Consulting & Systems Integration services, Managed Services & BPO, Cloud operations, Big Data & Security solutions, as well as transactional services through Worldline, the European leader in the payments and transactional services industry. With its deep technology expertise and industry knowledge, the Group works with clients across different business sectors: Defense, Financial Services, Health, Manufacturing, Media & Utilities, Public Sector, Retail, Telecommunications and Transportation.

Atos is focused on business technology that powers progress and helps organizations to create their firm of the future. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and is listed on the Euronext Paris market. Atos operates under the brands Atos, Atos Consulting, Atos Worldgrid, Bull, Canopy, and Worldline.

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