



# ADVANCE YOUR WINNING PERFORMANCE »»

## WORLD-CLASS INFORMATION TECHNOLOGY EQUAL TO THE SCALE AND MAGNITUDE OF THE OLYMPIC GAMES

**“We are extremely pleased to have expanded our partnership with Atos Origin as the Worldwide IT Partner for two more Games. Today the role and use of Information Technology is vital for the staging of the Games. Atos Origin was a crucial player in the success of the delivery of the Athens 2004 and Torino 2006 Olympic Games. We are confident that, in the future, Atos Origin will deliver an outstanding job for the Beijing 2008, Vancouver 2010 and London 2012 Olympic Games.”**

Jacques Rogge, President of the International Olympic Committee (IOC)

# THE POWER BEHIND THE GAMES

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## BUSINESS CHALLENGES

Atos Origin is the Worldwide IT Partner for the International Olympic Committee (IOC) for the Olympic Games of Athens in 2004, Torino in 2006, Beijing in 2008, Vancouver in 2010 and London in 2012. This set a new world record as the largest sports IT contract ever awarded.

For the Torino Olympic Winter Games in 2006, Atos Origin led the consortium

of technology partners developing and managing the systems and software that power the Information Technology solutions.

## SOLUTIONS

As lead integrator, project manager and IT operations manager, Atos Origin has also developed many of the key software applications used. Successfully delivering one of the largest IT projects in sports history represented a staggering task. The sheer volume of information processed to run and document the event creates a massive and complex IT environment requiring a dedicated power infrastructure, 450 extremely sophisticated data network Lenovo servers, 4,700 Lenovo computers, 1,800 results systems terminals and 700 Lenovo printers.

One characteristic of this environment is the high degree of redundancy in data processing, which necessarily calls for fail-safe accuracy in data transfer. Another is the innovative IT security built into the entire IT environment, which could effectively be considered the highest-



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profile data system in the world over the course of 16 days.

Protecting the Games’ IT infrastructure from undesired and/or uncontrolled phenomena that can impact any parts of the result chain and associated services is paramount. The innovative approach features monitoring of all deviations from “normal” behavior of critical parameters in critical areas (applications, systems and networks), plus screening and correlation of all “alerts” to allow the security team to focus and act only upon critical issues. Finally, there is the unparalleled testing program to ensure that smooth, seamless operations are ready on time.

For an event of this magnitude, deadlines are not negotiable. When world-class athletes are ready to compete for gold after years of rigorous training and qualification, there are no second chances.

## BENEFITS

As one of the most high-profile customers that Atos Origin has ever had, the International Olympic Committee (IOC)

has spurred Atos Origin to take on new directions since its involvement with the Olympic movement in 2004. The Athens 2004 Olympic Games was accomplished with significant cost and operational savings over previous Games. Atos Origin provided this without in any way increasing the risk of its technology operations, and actually succeeded in reducing the risk.

Today’s systems implementations objective is focused on minimized cost with minimized risk. This is demonstrated in the Olympic Games program through massive re-use, facilitated by systematic knowledge capture and thorough, disciplined systems integration practices to redeploy large applications into new environments every other year.

Specific components of the IT program critical to the Olympic Games’ success include the integrated, holistic approach to security used to manage the highly visible environment. Other factors include effective partner and program management for the highly complex program comprising a diverse consortium of technology partners; intensive operations management; and design



**Key components of Atos Origin’s IT mission**

- > Infrastructure deployment
- > Critical monitoring system
- > Technology Partner management
- > Knowledge capture and transfer

**Key capabilities demonstrated by Atos Origin for this Olympic Games project**

- > Systems integration
- > Information security
- > Critical monitoring system
- > Technology Partner management
- > Knowledge capture and transfer

## The Olympic Games is the largest sporting event to take place worldwide and at regular intervals every two years.



At the TORINO 2006 Olympic Games, Atos Origin developed the IT solution for the accreditation system that allowed Kodak to issue and activate 90,000 accreditations for Games comprising 84 events and represent thousands of

hours of live competition. Live commentator services were delivered for 19 sports and approximately 250,000 INFO2006 pages viewed every day. The Winter Olympics spans 28 competition and non-competition venues, involves 2,500 athletes, 10,000 members of the media and 20,000 volunteers.

### Achievements successfully completed

- > Competition results delivered to all participants, athletes, officials, media and press
- > Knowledge leveraged for the design of all key IT systems (3 to 5 years before start of Games)
- > Key core planning applications provided and deployed (3 years before start of Games)
- > Results systems integrated and tested (2 years before start of Games)
- > Complete array of IT systems operating and monitored once the Games began



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and building phases leveraging the knowledge base created through work at previous Games, which significantly reduce the learning curve.

Meeting the immovable deadline with guaranteed quality every time can only be achieved through relentless testing. Exhaustive preparation and testing were clearly vital to the success of the IT systems, to deliver seamless services and sub-second communication to the Olympic Family (partners, sponsors, IOC members, athletes and media). Simulation testing was also used to develop test cells representing each of 15 sports disciplines and nine major applications.

For each country where the Olympic Games are held, an Organizing Committee responsible for hosting and managing that particular edition of the Games is set up. Atos Origin partners with each Organizing Committee while working with the IOC to meet its strategic objectives. This kind of commitment and attention to detail at the local level was a factor that led to Atos Origin's success in managing this prestigious contract.

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#### About Atos Origin



Atos Origin is an international information technology services company. Its business is turning

client vision into results through the application of consulting, systems integration and managed operations. The company's annual revenues are more than EUR 5.5 billion and it employs over 47,000 people in 40 countries.

Atos Origin is the Worldwide Information Technology Partner for the Olympic Games and has a client base of international blue-chip companies across all sectors. Atos Origin is quoted on the Paris Eurolist Market and trades as Atos Origin, Atos Consulting, Atos Euronext Market Solutions and Atos Worldline.

Advance with Atos Origin - for business and IT in harmony

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