

## Donbass Arena

Donbass Arena, a \$400 million dollar facility, is one of the largest stadiums in Eastern Europe, and has been chosen to host the 2012 UEFA European Football Championship. With over 51,000 seats, Donbass Arena is a three tiered stadium, the first in Eastern Europe designed and built in accordance with UEFA Elite-Class standards (5-Star Standard). Located in Donetsk, Ukraine, the stadium serves as the home ground of FC Shakhtar, the Ukrainian professional association European football club.

The stadium's senior executive team recognized early on that wireless connectivity was a 'must have' amenity that would attract high-profile events to the stadium and improve fan experience. Dmitriy Teplyakov, IT Director of Donbass Arena, explains: "We understood back then that wireless signals would not penetrate the thick concrete structures of the stadium."

After careful consideration, the executive team selected the MobileAccess solution for its high-degree of scalability in large footprints and carrier-grade performance in stadium environments. "The solution does not require installation of bulky base stations. Moreover, it enables several mobile communication providers to simultaneously operate using different frequency bands, resulting in insignificant expenses for connecting another provider if necessary" added Dimitriy.

MobileAccess' modular architecture enables seamless addition of virtually any combination of wireless services at anytime, by simply adding the appropriate wireless service module in wiring closets. The solution also saves valuable space and can span great distances in the stadium by enabling remote connection of the operators' large base stations to the MobileAccess head end equipment. The base stations can be located outside the stadium, in the case of Donbass, these are 2.5 kilometers away, and connected via fiber optics to the head end equipment located inside the stadium. The result is a cost-effective and future-proof wireless network that accommodates fans, media and staff as their wireless needs change over time, without affecting event schedules or operations.

The system currently supports Kyivstar, one of Ukraine's largest mobile providers and the company is in the process of on-boarding additional mobile providers to the system.

### About MobileAccess

MobileAccess is a global provider of reliable wireless coverage solutions for all indoor wireless environments. MobileAccess' solutions platform delivers wireless connectivity in enterprises of every size, and has become the industry standard in the healthcare, hospitality and higher education markets. MobileAccess' legacy of innovation and proven architecture set the bar for indoor wireless peak performance, ensuring customers can meet current wireless demands as well as easily expand with future applications and services. Thousands of organizations worldwide rely on MobileAccess including: Clarian Health, the Comcast Center, M Resort Spa Casino, Ford Field, GAN Tower (Paris), Grand Lakes Orlando, the Dutch Parliament building (Netherlands), Hearst Corporation, Melbourne Australia Airport, Northwestern Memorial Hospital, Royal Dutch Shell and the University of Phoenix Stadium. MobileAccess is headquartered in Vienna, Virginia, and has offices in Europe and the Middle East. For more information, please visit: [www.mobileaccess.com](http://www.mobileaccess.com).

### Facts and Figures

- **Location:** Donetsk, Ukraine
- **Seating Capacity:** 51,504
- **Construction Cost:** \$400 million dollars
- **Site Area:** 234,376 sq.m
- **Owner:** Shakhtar Donetsk
- **Events:** Host of the 2012 UEFA championship games



**"...We selected the MobileAccess Solution because of its ability to simultaneously support several mobile operators over the same infrastructure, and add more operators in the future for an insignificant cost..."**

**Dmitriy Teplyakov,**

**IT Director, Donbass Arena**