

T-MOBILE ARENA Fact File and Project Team Groundbreaking May 1, 2014 commenced: Arena opening April 6, 2016 T-Mobile Arena, owned by AEG and MGM Resorts International MGM Resorts Operator International Sales Agent: AEG ICON Venue Group **Project Manager** Architect **Populous** Construction **Hunt-Penta Joint Venture** Manager Functions: Multipurpose entertainment venue available to host NBA and NHL teams, concerts, boxing, mixed martial arts, award shows and other major events Project Cost: US\$375m Approximately 16 acres Site Acreage: 650,000sqft Arena Square Footage: Events: 100 to 150 annually Boxing/UFC: 20,000 Seating Capacities: **End Stage Concerts:** 12,000 - 18,000 Centre Stage Concert: 19.500 - 20.000 Hockey: 17,500 Basketball: 18,000 Designed for U.S. Green Sustainable

Amenities

World-class Las Vegas-style design Unrivalled premium seating products

Design:

44 Luxury Suites 2 Party Suites

8 Event Level Suites

More than two dozen private loge boxes Two dedicated VIP entrances

Two-acre outdoor Toshiba Plaza for pre-event functions and special events

Building Council LEED

Gold Certification

Premium balconies on all VIP and public levels with views to the plaza, park and Strip Multiple locker facilities, premium dressing rooms, green room and multipurpose spaces to accommodate a variety of sports and entertainment events

Wide variety of food and beverage options at each level

ADA accessibility on every level A 75,000sqft loading dock, staging, storage, and other facilities to accommodate major events including six truck docks



« RUNNERS & RIDERS

Globally-renowned sports architects **Populous** worked closely with the project owners and their project manager, **ICON Venue Group**, to design this 20,000-seat arena, which connects the contrasting influences of Las Vegas; the desert and Spring Mountains to the west and the pulsating, high-energy Las Vegas Boulevard to the east.

To capture the excitement of the Las Vegas Strip, the design includes an expansive glass façade; an LED overlay; sweeping, dramatic balconies; an exterior performance stage; and a sleek exterior that is as bold as it is sophisticated, creating a visually captivating and iconic focal point in the city's bustling entertainment market.

Brad Clark, Senior Principal and Designer at Populous, said: "The design of the arena ensures we will create a truly striking entertainment venue for Las Vegas – representing the colour, drama and excitement the city exudes. The arena is an extension of the Strip's high energy – our job with the design was to stay authentic to that spirit."

A POTTED HISTORY LESSON

AEG first tried to build an arena in Las Vegas in association with Harrah's Entertainment back in 2007, with the then joint venture partnership announcing that they would be building a 20,000-seat stadium behind the Bally's and Paris casino-hotels. Caesars Entertainment Inc. had previously envisioned using the location to build a



ME ENGINEERS AT T-MOBILE ARENA

ME Engineers designed the mechanical, electrical, plumbing, low-voltage and lighting systems at T-Mobile Arena, including a detailed master planning phase to optimise alignment with the Strip, energy modelling to assist in design decisions and utility and site planning to accommodate the adjoining Toshiba Plaza. The plaza has three outdoor performance spaces, including an elevated outdoor stage connected directly to systems inside the arena.

For low-voltage systems, ME planned and designed the converged network

and optical backbone that activates IP data connectivity throughout the arena, as well as into the MGM campus. Voice, data and video applications, including Audio-Visual Controls, VoIP telephones, IP Television (IPTV), High Density Wi-Fi, Point-of-Sale (POS), Distributed Sound System, Computer Workstations, Ticketing, Internet, and Security are aggregated into a high capacity/high bandwidth network within a common infrastructure.

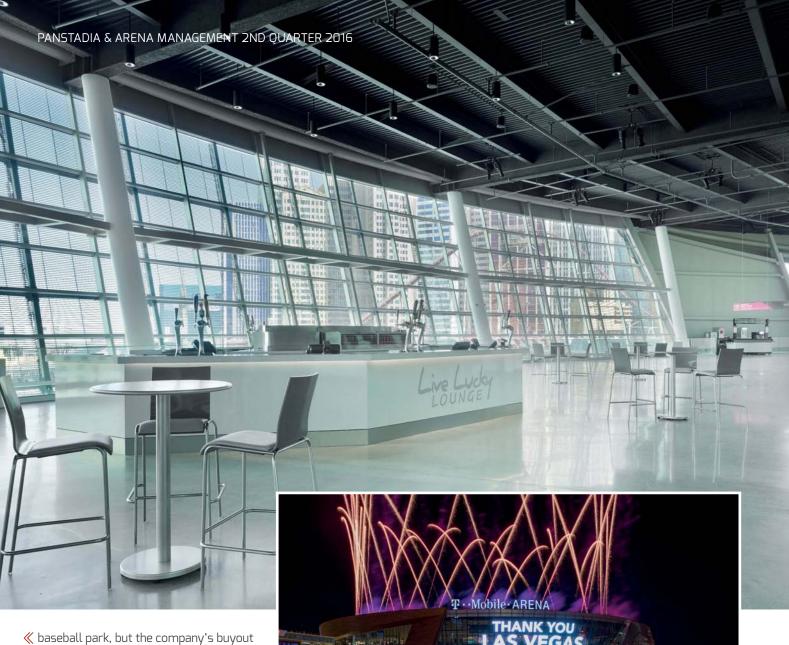
One of the key design needs was meeting NHL and NBA league standards to attract pro teams to Las Vegas. ME designed key systems to meet the specific requirements of an NHL facility, including redundancy for uninterrupted operations, ice sheet and dehumidification systems.

Certain systems were designed for modular implementation; installation can happen as needed in the future.

Sports lighting systems are optimised for spectators, players and for high-definition broadcast.

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by Harrah's cancelled these plans.

The following year, Harrah's became uncertain on whether to continue with the project, not knowing if AEG would split the costs, and whether building a Major League-ready stadium without a guaranteed franchise to play on it would be feasible given the financial crisis.

The original plans were to break ground in June 2008 and finish the arena in 2010 but by 2009 it had been revealed that a traffic study had not even been conducted, despite the site being located near a busy intersection.

In 2010, the plans were changed again to use an area behind the Imperial Palace, however, given that the project would have required financing through a special taxation district, which was opposed by Clark County, the project stalled once more. And by 2012, AEG had backed out of the project completely. It was only when MGM Resorts International announced their own project, which would use a site behind the New York-New York and Monte Carlo resorts - and would not

rely on public funding - that AEG came back on board.

MGM and AEG announced their joint venture arena plan on 1 March, 2013, with more fleshed-out plans being confirmed over the following few months, including the announcement of a US\$100m pedestrian shopping area/plaza to serve as a gateway to the venue and the retention of prominent sports architecture firm, **Populous**. Other companies on the project included: the ICON Venue Group, Thornton Tomasetti, ME Engineers, Penta Building Group and Hunt Construction Group.

The project finally broke ground on 1 May, 2014, and T-Mobile Arena became the latest addition to the Strip on 6 April, 2016.

Looking to the future, the arena has placed itself as such that it could become the home venue for a possible National Hockey League (NHL) expansion team. Only time will tell, but one thing is for sure, the world-class T-Mobile Arena has already shown itself to be the perfect partner for the glitz and glam of Las Vegas. ■