

# MGM RESORTS INTERNATIONAL

Las Vegas, NV

20/20 provided project management and acceptance testing services as part of the design-build team for the groundbreaking paid parking implementation project at eleven of MGM's hotel/casino properties along the Las Vegas Strip. The technology implementation was led by Sentry Control Systems and consists of 119 lanes of equipment and 72 pay-on-foot stations representing the largest SKIDATA installation in the world. In addition, the project consists of an Indect single space parking guidance system encompassing over 15,000 parking spaces, making it the largest Indect installation in the US and the 2<sup>nd</sup> largest in the world. Other parking technology solutions include frictionless entry and exit via LPR, P2PE EMV credit card processing, VoIP intercom, surface lot parking occupancy sensors, and multi-space parking meters.

The new system features multiple integrations that allow guests, customers, and MGM employees to access parking using hotel room keys, employee vehicle license plates on file, MLife<sup>®</sup> loyalty club membership cards, contractor/vendor barcode badges, and traditional transient tickets. License plate numbers are automatically tied to all entry credential types at entry. Upon exit, LPR cameras read the license plate and automatically raise the gate for vehicles that are registered or that used a valid credential at entry as well as for customers that have already paid their parking fee at a pay-on-foot station.

20/20 developed test procedures for four phases of acceptance testing including the Factory Acceptance Test, Lane Acceptance Tests, Site Acceptance Tests and the Operational Demonstration Test. 20/20 also conducted all acceptance tests and reported the findings to MGM during weekly status meetings. The team tracked deviations in a project punch list managed by 20/20. The project was completed on an accelerated schedule, beginning with system design in January 2016 and achieving Final System Acceptance in July 2016.

