

DENVER INTERNATIONAL AIRPORT

Denver, CO

20/20 Parking Consultants and Lumin Advisors are currently providing PARCS consulting services to Denver International Airport. DEN has an aging system nearing the end of its useful life, and the airport sought to offer new products and features not supported by the current system. In the initial phase of the project, Lumin escorted DEN management to several state-of-the-art PARCS installations in Europe to preview the latest market solutions. Following the tours, Lumin and 20/20 used the findings and feedback from DEN to develop a list of features and functions that would be included in their new PARCS design.

The second phase of the project entailed developing a functional specification that takes a new approach to PARCS procurements. Feedback from the PARCS contractors has suggested that most specifications have become overly detailed and often contain specific requirements that only one or two suppliers can satisfy. DEN's goal was to open the requirements to select the best-value, off-the-shelf system, and adapt their parking operation to work with the new system rather than force a new supplier to develop and tailor features and functions solely for the DEN operation. The design includes high-level requirements and standards. The team has required suppliers to showcase how their systems perform processes on their equipment through demonstrations. The evaluation committee will observe these demonstrations choose the solution that best fits DEN's needs.

The new PARCS design includes frictionless entry and exit via LPR, parking reservations, a frequent parker program, QR code readers, cashiered and automated exit lanes, P2PE EMV/NFC credit card processing, VoIP intercom, employee parking, AVI, proximity card access, and LED dynamic message signage. Following the RFP and PARCS contractor selection, 20/20 and Lumin will remain on board to provide construction oversight and four phases of acceptance testing services as well as a follow-on project to design and procure a camera-based APGS.

