

# LEVERAGING LIDAR TO ACHIEVE A SUSTAINABLE DIGITAL TWIN

**WEDNESDAY  
FEBRUARY 22, 2023**

Dinner at 5:30 p.m.

Talk at 6:15 – 7:15 p.m.

University of Redlands, Orton Center  
1249 E Colton Ave, Redlands, CA 92374



RSVP by Feb 17th at  
[www.redlands.edu/maghboul](http://www.redlands.edu/maghboul)

Digital Twin has become one of the newest catchphrases in the facilities management arena. Although not a new concept, it has been used extensively in aerospace and manufacturing industries. In this presentation, learn how to achieve a sustainable Digital Twin leveraging LiDAR, GIS, CAD, and Building Information Modeling (BIM) technologies in one of the most operationally complex and logistically challenging facilities – airports.



**About Ed Maghboul**  
President, X-Spatial, LLC

Ed Maghboul is in charge of management and implementation of enterprise class financial and geospatial application at several large airports. Mr. Maghboul has overseen and managed the development of data standards manuals (i.e., BIM deliverables, GIS, interior survey, etc.) which facilitate the digital exchange of information. Mr. Maghboul has prior experience as IT manager for a multinational Fortune 100 company.