



# BUNDABERG LEADS ADAC INTEGRATION

## TECHNICAL ARTICLE

*Dwayne Honor, Manager of Design for Bundaberg Regional Council shares the highlights of the recent ADAC information session held in Bundaberg.*

The Bundaberg Regional Council (BRC) in conjunction with IPWEAQ recently hosted an information session for 60 participants including surveyors, engineers, developers and construction industry personnel on the implementation of ADAC (Asset Design and As Constructed).

Opened by Cr Ross Sommerfeld and chaired by IPWEAQ board member, Dwayne Honor, the session covered the history and development of ADAC and used real world case studies from The Surveying & Spatial Sciences Institute (SSSI) to demonstrate the effectiveness of ADAC when applied in a local government context.

BRC's Manager of Design, Dwayne Honor said, "ADAC provides a robust data specification that underpins asset design and as constructed data. Compliant data is captured during design and construction processes and used to populate asset component registers and Geographical Information Systems (GIS).

"The system captures data from not only within our own region but complements similar data state wide and includes information on roads, drainage, water, sewerage and open space.

"As new assets are designed those design components are added to the ADAC database. It then becomes a simplified process for anyone undertaking future design work in locations where assets have already been recorded."

The BRC experience proves the vast majority of projects no longer require the production of constructed drawings. This is due largely to ADAC's open data transfer via XML and as a result, BRC now expects to fully process a compliant as-constructed submission within 20 minutes including the entry of data into financial, GIS and asset systems. This will deliver significant time and resource savings and in most cases up to five days' work per submission turning weeks into minutes for developers.

BRC have developed a number of tools for use with 12D and have generously offered these tools

to industry for free. BRC has also committed to work towards round-tripping the data by incorporating the survey-accurate data from ADAC into their Dial before You Dig documentation. This is a significant step forward in the successful application of ADAC and is an exemplary model of how the program can and should be used by local governments and organisations.

IPWEAQ highly commends the BRC on their successful implementation of ADAC and their desire to help other councils with implementation without the same learning curve. To assist with industry enquiries BRC have set up an ADAC email address ([adac@bundaberg.qld.gov.au](mailto:adac@bundaberg.qld.gov.au)) for direct access to a number of internal experts covering fields such as design and GIS.

IPWEAQ and the Bundaberg Regional Council would like to thank the following organisations for their participation in this valuable industry event: CQ ADAC Working Group Councils; UDIA Bundaberg; Local Civil Contractors; Local Surveyors; Industry Suppliers; Local Engineering Consultants; and SSSI Central Qld Group Members.