



Future CAD/BIM Infrastructure Standards

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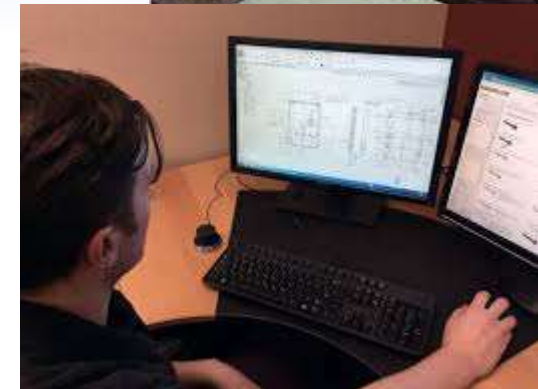
BJW Survey
IMPACT

Competition to deliver faster,
cheaper (do it right first time)



12D MX InRoads BRT Tekla Revit
Civil3D MicroStation AutoCAD Revit
ProjectWise

Years of dedication (hang on to
what we've got)



Dealing with Joint Ventures

Dealing with Construction expectancies

Dealing with software interface

Need to be flexible

Need to train internal (costs to private industry)

Need to think outside the boundaries

Start to end and in between

Interpretation (guidelines)

Faced with bias workflow

Dealing with new wave applications

Dealing with new anagrams and hip titles

Dealing with new (not quite there yet) software
with full life processes

Need to be flexible

Need to except old school is a museum piece... straw poll who is under 25
in this room?

Need to think outside the boundaries

Need to be more involved breakdown the silos

What is the purpose of delivering
today for tomorrow?

What is standard?

And are we're there yet?

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20 NEWS

A degree of indifference

In-house training can beat uni study

MELANIE BURGESS

SCHOOL leavers stressing about university results can breathe a little easier as employers turn their backs on university degrees and focus on in-house training.

The bachelor degree considered a minimum requirement for entry-level jobs just five years ago is no longer a priority for employers, who increasingly offer on-the-job training, and Australia's biggest growth industries — including aged care and IT — are dominated by roles that do not require a degree.

Data from job site Adzuna revealed just 3.5 per cent of jobs ads this year included the words "bachelor degree" in the description, down from 6 per cent last year.

Likewise, "bachelor" fell from 7.2 per cent to 4.2 per cent and "degree" dropped from 13 per cent to 9.5 per cent.

Adzuna chief executive Aife Watson said school leavers who did not get the score needed to go to university

need not panic. "Five years ago, having a bachelor's degree to find any type of work was almost a minimum requirement, even for ground-level sales positions (but) the landscape has since changed, largely due to the failure of universities in Australia to create and promote courses which meet the gaping skill shortages, predominantly in tech," he said.

"Furthermore, businesses in Australia are investing heavily in in-house training, especially for junior positions."

Coaching company Two-PointZero's chief executive, Steve Shepherd, said bachelor degrees were less important for many digital roles as they were constantly changing, and universities could not keep up.

"By the time you study the degree, something new has come along," he said.

"People are teaching themselves the skills because now

we have technology at home that allows us to do it.

Liam Bisognin doesn't have a degree but that hasn't stopped him becoming an associate at a leading consultancy and pursuing chartered accountant accreditation.

The McKinnon resident, 22, landed a role in the internal audit team at PwC after completing an 18-month higher apprenticeship through the company.

He said on-the-job training was a better match for his learning style than university study. "I started a uni degree, did engineering and commerce for a year and a half," he said.

"Some people might be better suited to a uni degree but I enjoyed learning hands-on because that's how I learn best."

"It's great that a lot of corporations and industries are looking at different ways to take people in."

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FUTURE IS IN FLEXIBILITY, PAGE 7

in-house training.

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Coaching company Two-PointZero's

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VDAS Strategic Framework

Released February 2019



VDAS Guidance

Released January 2020



VDAS Technical Guidance

Coming soon



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Digital model

A three-dimensional representation in electronic format of infrastructure elements representing a combination of solid objects and specially located data with true-to-scale spatial relationships and dimensions. A model may include additional information or data. Also known as digital twin/ BIM model / data rich 3D model.

Source: ConsensusDocs 301 BIM Addendum, 2008.

Digital Engineering

A plan that delivers and exp-
out by the appointed parties prior
integrate with other execution plans, su-
activity execution plan.

* aspects of the appointment will be carried
Government major projects, a DEEP may
actor's activity proposal, and

ent approach to
gies such as BIM, GIS and
SE enables a

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Q and A session...

One more thing after Q & A...