

'Machines Are Moving Into Areas That Were The Province Of The Human Brain' Says BCS Whitepaper

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The next era of disruptive technology will come from cognitive computing, as the use of smart machines becomes more of a reality. This is according to the second whitepaper in the Riding the next wave series - Cognitive computing produced by BCS, The Chartered Institute for IT.

Adam Thilthorpe, Director of Professionalism, BCS, The Chartered Institute for IT, says: "Cognitive computing will have both positive and negative consequences, with machines able to perform tasks that were previously done by people. In recent years we've already seen the increased use of smart machines and over time these will be used to make health diagnoses, react to financial markets and aid performance in production processes. However, business relies on human judgement and conscience; this will be especially pertinent as machines become more intelligent and are able to process data independently."

The whitepaper released today, is the second in a four-part series which also includes the overview; ubiquitous computing (released in January 2014), augmented reality, and 3D printing. This is the first paper to provide an in-depth look at one of the technologies and examines the benefits of using cognitive computing within business including improving consistency and efficiency.

Adam Thilthorpe continues: "This may be disruptive technology but it also offers opportunities with organisations looking for IT professionals who are able to design the cognitive systems of the future. These skills are in short supply and therefore it is important that CIOs consider developing the right people, who have a strong grasp of the business they are working in, to ensure these systems are relevant."

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