

Predicts 2011: Technology and the Transformation of the Education Ecosystem

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Technology is transforming the education ecosystem, challenging long-held organizational structures, as well as the very concept of formal education as it has been known. CIOs should recognize the changes and develop strategies to balance the opportunities that changes in technology have brought to education with the challenges of efficiently managing an education technology portfolio.

Strategic Planning Assumption: By 2014, hardware purchases by K-12 school districts will be reduced by 30%.

Key Findings: Consumer-oriented devices in the hands of students are found in increasing numbers in primary and secondary schools. Student objections to being "powered down" at school are becoming more strenuous.

Strategic Planning Assumption: By 2014, education organizations will purchase twice as many slate-like computing devices than laptops and notebooks.

Key Findings: The release of the first wave of multifunctional, reasonably sized tablet/slate computers, and the rapid acceptance by consumers in many demographic categories, presages a change in personal computing.

Strategic Planning Assumption:

Through 2015, 50% of higher education CIOs will lose their jobs for failing to balance customer efficiency with organizational efficiency.

Key Findings: The death of distance and consumerization of services have considerably reduced the barriers for faculty and students to "micro-source" key productivity tools outside the institutions control. Boundaries are blurring and old business models are threatened as relatively new education providers (e.g., those that offer Web-based or software as a service [SaaS] solutions) gain momentum while, at the same time, old ecosystem components (such as publishers) try to respond.

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Rust/Lowendahl/Bonig/Harris (2010, November 17). Predicts 2011: . *Gartner Research*, G00209102, 1-6.