Most anesthesia information management systems in hospitals focus primarily on displaying and storing patient records. The authors’ computerized clinical procedure system uses embedded medical guidelines and risk-estimating algorithms to facilitate risk factor assessment for anesthetists.

The past few years have seen the rise of big data processing stacks enhanced with domain-specific, optimized, and vertically focused features. The author analyzes these processing stacks’ capabilities and describes ongoing developments in this domain.

Over 10 years, the city of Munich migrated 15,000 PCs from Windows to the open source Linux operating system. Based on this case, the authors propose recommendations for evaluating and calculating the risks of open source software adoption.
A strategist CIO is a top IT executive who can exploit the use of information systems and technologies by participating in business strategy formulation. This article describes CIOs’ main characteristics and strategist experiences.