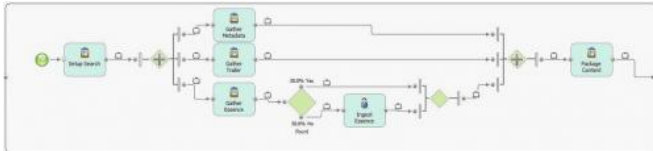


# IBM combines local IT systems with cloud storage

27 November 2013



IBM inventors have created a new patented technique to help combine in-house data with dynamic information from cloud services. Credit: IBM

IBM today announced that its inventors have patented a technique for combining Big Data from distributed cloud services with data stored on local IT systems to gain new insights that can enable businesses to more efficiently and effectively market and serve their customers.

The [cloud computing](#) invention, for which IBM received U.S. Patent #8,504,400: Dynamically Optimized Distributed Cloud Computing-based Business Process Management (BPM) System, provides a method for developing a new breed of enterprise applications that seamlessly combine locally-stored data from business process across an enterprise with cloud-based Big Data. This approach will make it easier to manage business operations and gain new insights by accessing, integrating and analyzing data—no matter where it is stored.

For example, a retailer can use IBM's invention to tap in-house sales records to analyze customer shopping habits, while combining data from multiple cloud-based services such as online ratings and reviews. This unified approach will enable companies to deliver personalized coupons, offers, promotions via marketing campaigns across a variety of sales channels. All while being able to modify campaigns in real-time.

While a variety of core business data typically is

stored on in-house IT systems, Chief Marketing Officers (CMOs), procurement and sales managers, and other business leaders are increasingly relying on [cloud services](#) to access dynamically changing information to better engage customers that are making purchases via mobile devices, social networks and other collaboration tools. In order to more effectively reach connected, mobile consumers, businesses need the ability to switch between the cloud and local systems to gather and compare insights from multiple sources.

"Combining business processes and data from cloud services with information stored on-site will allow business leaders to optimize their operations, particularly during times of peak performance," said Dennis Quan, IBM vice president of cloud infrastructure services. "Our patented technique removes barriers and challenges that are inhibiting companies of all sizes from accessing all of the cloud infrastructure and services they need to get the job done."

IBM's patented cloud BPM invention furthers the company's commitment to helping organizations of all sizes gain new business benefits from cloud computing, such as new ways to optimize [business process](#) and related big data flows within the cloud and lower costs with greater efficiencies.

Provided by IBM

APA citation: IBM combines local IT systems with cloud storage (2013, November 27) retrieved 6 May 2021 from <https://phys.org/news/2013-11-ibm-combines-local-cloud-storage.html>

*This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.*