

FACT SHEET: Interesting & Important 2013 IBM Patents

Following is a sampling of interesting and important patents from IBM's record-setting total of 6,809 U.S. patents in 2013.

- **U.S. Patent #8,478,603: Method and system for monitoring and reporting to an operator greenhouse gas emission from a vehicle** – This [invention](#) depicts a voluntary system for companies and individuals committed to environmental stewardship that monitors and analyzes driving behaviors; measures greenhouse gas emissions over a period of time; collects a payment associated with removing a quantity of greenhouse gas from the atmosphere if emissions exceed a threshold; and provides recommendations to improve fuel efficiency and decrease emissions.
- **U.S. Patent #8,448,230: System and method for real world biometric analytics through the use of a multimodal biometric analytic wallet** – This [patent](#) portrays a system that aggregates and manages biometric data, including genome, health, behavioral, and physiological signals within a pervasive, secure mobile device. The device also contains biometric analytic interfaces configured to communicate the biometric data with other devices for private sharing with doctors, pharmacies, family members, etc.
- **U.S. Patent #8,464,311: Method and system for implementing privacy notice, consent, and preference with a privacy proxy** – This [patent](#) describes an automated service that informs website users of an organization's privacy policy and, prior to accepting any personal information, logs a user's acceptance or opt-out of that policy and lets them choose how they prefer their personal information to be handled. The service is transparent to an organization's web applications and may run in the cloud.
- **U.S. Patent #8,547,214: System for preventing handheld device use while operating a vehicle** – This [patented invention](#) describes a system that can analyze biometric data—fingerprints, voice pattern, retina images, heartbeat, etc.—and prevent a driver from using a handheld device while operating a moving vehicle.
- **U.S. Patent #8,494,851: System and method for contextual social network communications during phone conversation** – This [patented invention](#) depicts a system that continuously analyzes terms and topics discussed during a telephone conversation, and automatically identifies and displays contextually relevant social networking information.
- **U.S. Patent #8,370,517: Conserving energy in a data processing network** – This [patent](#) describes a method that enables server cluster network adapters to save power by adjusting data transmission and reception speeds based on the backlog of data that remains to be sent.

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