



Hypothetical 1

A large number of individuals gather at a special event (e.g., a major sporting event, a music concert, a protest rally near the White House). Assume that during such an event, law enforcement officials believe a known or suspected terrorist (KST) might be masquerading as a spectator or protester. The officials want to use facial recognition technology to identify the KST and monitor his activities.





Hypothetical 2

Law enforcement officers observe individuals, some of whom are known to be involved in criminal activity, frequently entering and exiting a dwelling. A law enforcement agency wants to use facial recognition technology to monitor ingress and egress and identify the individuals.





Hypothetical 3

An adult female is known (by her friends) to have a contentious relationship with her boyfriend. Her friends also know that the couple had individual Facebook accounts and both were frequent users of the social media service. One morning the woman fails to report to work, and the boyfriend also cannot be located. After friends provide law enforcement officials with recent photographs of the woman and her boyfriend, officials seek authority to search the photographs against Facebook images with the hopes of returning a match. Such a match could reveal the location of the Internet Protocol (IP) address either of them are using to access their respective Facebook accounts.





Hypothetical 4

To fulfill a Congressional mandate, DHS is exploring various options to establish a biometric entry and exit data system. The system seeks to protect the United States, in part, by preventing the entry of terrorists and identifying foreign nationals who have overstayed their visas. The entry part of the system is established and appears to be operating smoothly. The exit part of the system, however, is still being finalized. A solution may be to use facial recognition technology to expedite the biometric exit process.

