When increasing reliability how other quality attributes can get affected and vice versa of it.

When security gets down, reliability also gets down.:- *A security vulnerability was reported on April 7, 2007, by Nitesh Dhanjani and Rujith. Since Twitter used the*[*phone number*](https://en.wikipedia.org/wiki/Telephone_number)*of the sender of an*[*SMS*](https://en.wikipedia.org/wiki/SMS)*message as authentication, malicious users could update someone else's status page by using*[*SMS spoofing*](https://en.wikipedia.org/wiki/SMS_spoofing)*.*[*[254]*](https://en.wikipedia.org/wiki/Twitter#cite_note-254)*The vulnerability could be used if the spoofer knew the phone number registered to their victim's account. Within a few weeks of this discovery, Twitter introduced an optional*[*personal identification number*](https://en.wikipedia.org/wiki/Personal_identification_number)*(PIN) that its users could use to authenticate their SMS-originating messages.* [14th URL]

When performance gets down, reliability also gets down.:- *When American singer Michael Jackson died on June 25, 2009, the Twitter server crashed after users were updating their status to include the words "Michael Jackson" at a rate of 100,000 tweets per hour* [47th URL]