It’s all about DATA: Big, Small, and BYOx

There is increased awareness in enterprises about the importance and value of their data. Efforts such as data inventories or full data architectures are underway, trying to make sense of the floods of data the enterprise generates and handles every day. Big data initiatives only accelerate this trend, but in practice no data is too small to be left unprotected. BYOx tops all of this with employees bringing to work their personal devices (BYOD) or apps (BYOA), which access, process, and sometimes store enterprise data, with variable-to-unknown levels of protection.

One useful principle to apply when handling enterprise data is No Data Left Behind. It dictates that beside the usual protections around initial access to data, care must be taken around where data can go, how long it can stay there, and how quickly it must be removed. The principle applies end-to-end, from mobile devices to network to cloud, and if diligently applied can prevent a multitude of data leakage threats.