

Five Key Storage Considerations to Ensure IIoT Success

Industry 4.0 is changing the landscape of business



Computing power moving to the edge & endpoints



The rise of 5G



More devices connected than ever before

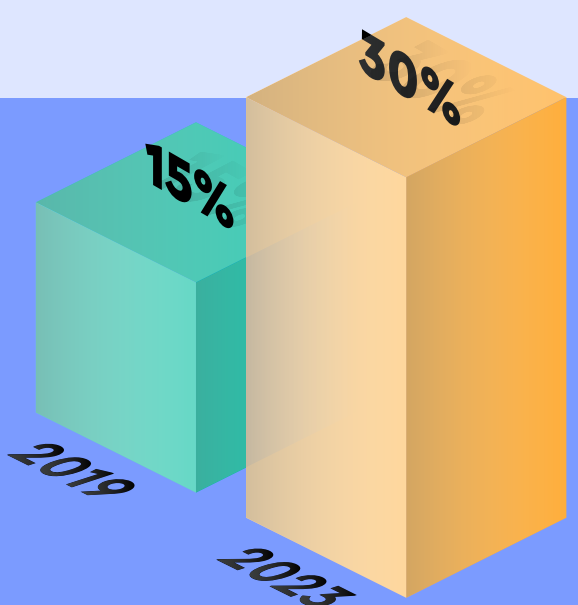
According to IDC, 90 zettabytes¹ (ZB) of data will be created on IoT devices by 2025.

90ZB

To harness value from this massive growth, data must be stored, processed and analyzed.

Gartner predicts by **2023**

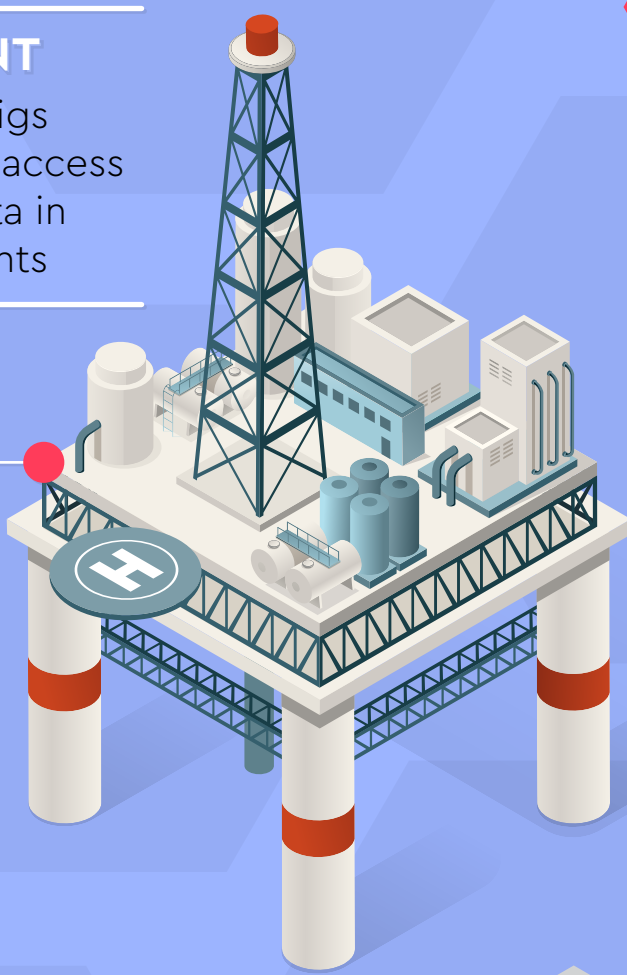
30% of industrial enterprises will have full, on-premises deployments of IIoT platforms, up from 15% in 2019.²



Storage Matters

Not all storage devices are created equal. Consider where your data lives.

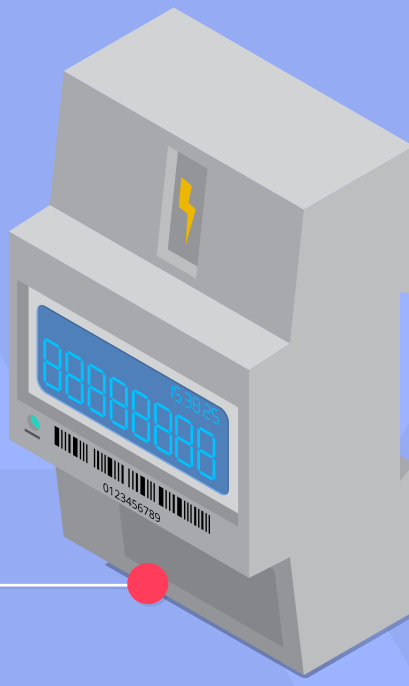
1 ENVIRONMENT
Remote drilling rigs have to capture, access and preserve data in harsh environments



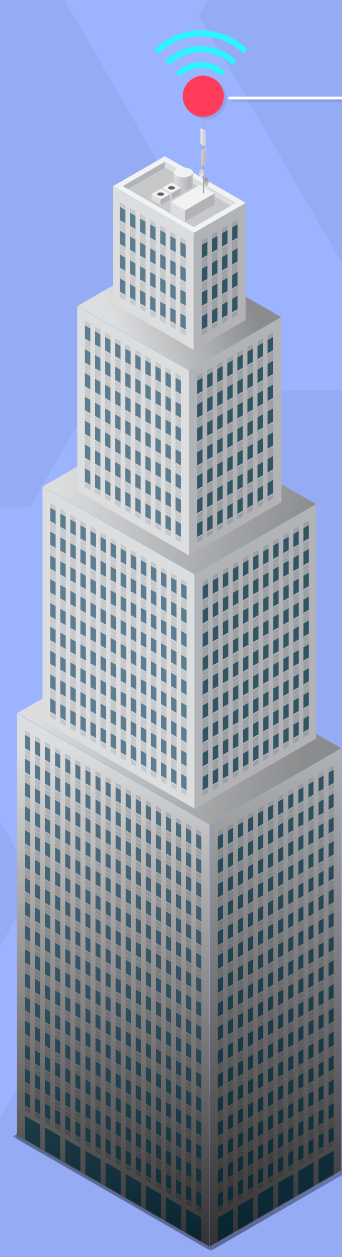
2 PERFORMANCE
Agricultural and industrial drones with high mobility need reliable, high-performance storage to meet the demands of AI



3 ENDURANCE
Write-intensive applications, like a smart grid, rely on reliable and robust storage to manage the increasing complexity and needs of electricity allocation



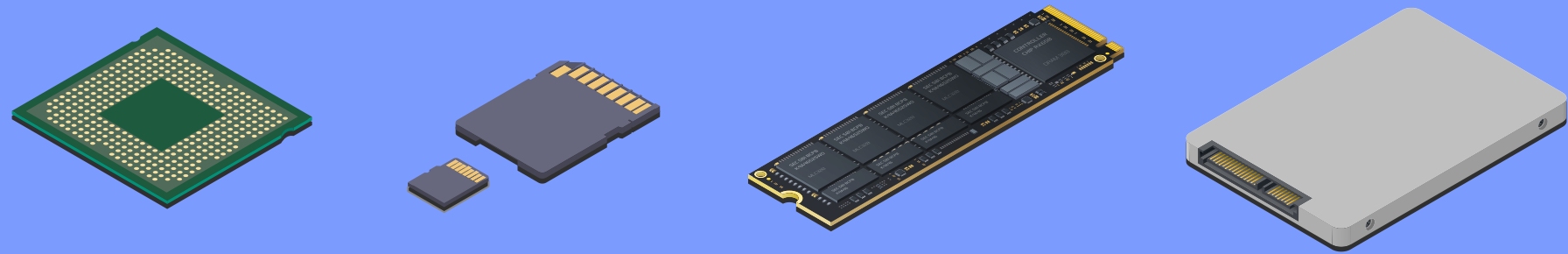
4 REMOTE MONITORING
Devices in physically hard-to-reach and hard-to-service locations require the ability to remotely monitor the storage device "condition"



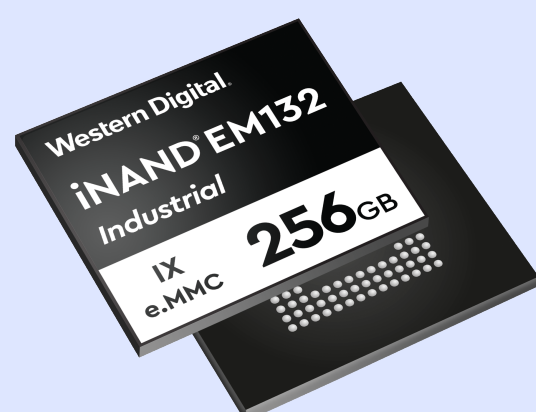
5 DATA RETENTION
Critical data, like medical records, must often be stored for an extended period of time to comply with regulations, to improve continuity of patient care and to reduce medical errors

The right storage is critical to get the most value from data

Our product offering for IoT and Industrial IoT applications spans across embedded storage, removable storage and SSDs.



Western Digital's broad product portfolio enables companies involved in all phases of the data lifecycle. We create environments for data to thrive, at every step.



Western Digital iNAND[®] IX EM132 Winner of the Edge Computing Excellence Award from IoT Evolution World