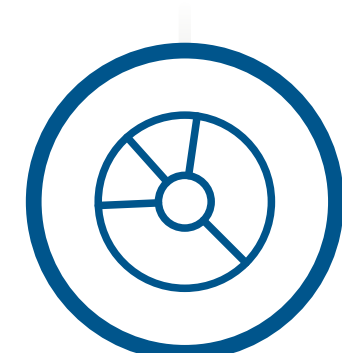


SMART STORAGE FOR TODAY'S SMART CITY

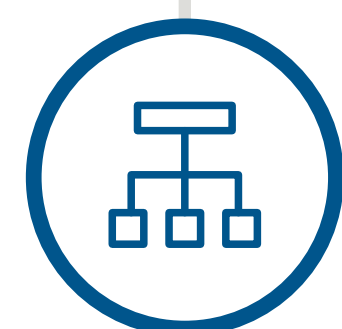
Memory and data storage began as short-term solutions to ease tabulation, archive information, store programming instructions and share data between devices. Today, this technology has set off an explosion of **data at the intelligent edge**. Check out our brief timeline below, then learn how data storage solutions equip you to design and execute your smart city vision.

DATA STORAGE THROUGH THE DECADES*



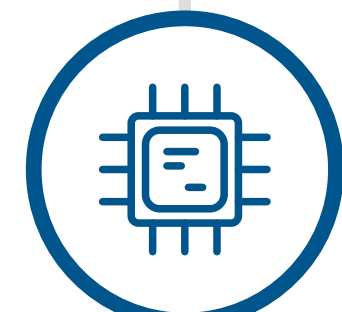
1949 MIT Magnetic Core Memory

The first reliable high-speed, random-access memory for computers.



1962 The Atlas Computer – Virtual Memory

Enabled computers to use storage capacity to switch between multiple programs or users.



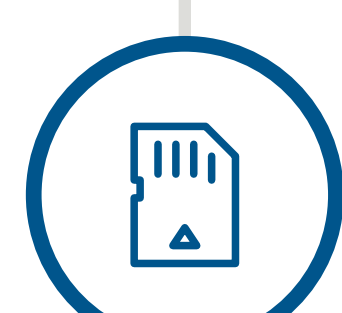
1971 1KB Intel Memory Chip

Marked the end of magnetic core use in computers and the start of the semiconductor dynamic random-access memory (DRAM) integrated circuit memory.



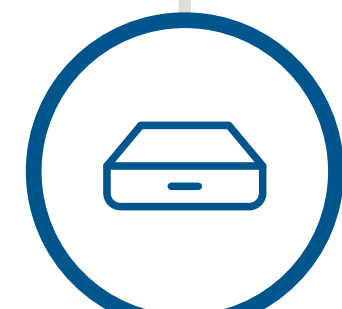
1981 3½-inch Floppy Drives and Diskettes

In 1982, Hewlett-Packard adopted 3½-inch floppies for widespread use.



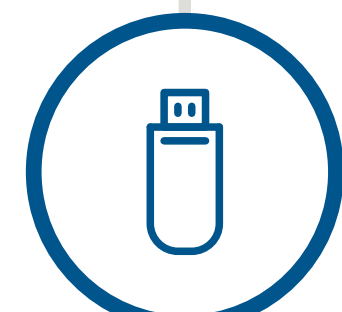
1984 Fujio Masuoka Invents Flash Memory

Capable of being erased and re-programmed multiple times.



1992 Solid State Drive (SSD) Module Prototype

Non-volatile memory chips replaced the spinning disks of a hard disk drive.



2000 USB Flash Drives

Small form factor container with a USB interface; used for data storage, back up and to transfer files between devices.



2007 Cloud-Based Network-Attached Storage

On-prem servers back up data to remote servers for data protection and data recovery solution.

2021 AND BEYOND STORAGE TAKES CENTER STAGE

Why is modern data storage vital to your smart city initiatives? It's simple. The intelligence you gather can better your community and create experiences to improve how citizens live, work and play.

With the right tools from Hewlett Packard Enterprises (HPE), you can start collecting, managing and understanding patterns and efficiencies – traffic systems, energy grids, public safety and services, leisure, entertainment and so much more. The benefits don't end there.

WITH HPE STORAGE SOLUTIONS, YOU CAN:

- 1 Store data for analytics
- 2 Access the full value of your data
- 3 Get timely insights for a better citizen experience
- 4 Save on cost
- 5 Comply with industry guidelines and data protection laws
- 6 Defend your smart city from cyber threats

DISCOVER WHAT'S POSSIBLE WITH HPE STORAGE SOLUTIONS

Engineered to help gather, process, share and convert data into actionable intelligence.

All-flash and Hybrid Storage: Implement the storage solutions right for your needs – from running mission-critical apps to general-purpose storage, backup and analytics – HPE offers it all.

Data Protection: Modernize backup and recovery.

Storage for Unstructured Data: Obtain the right solutions to access, analyze and harness your raw data's value.

Storage Automation and Management: Eliminate your IT team's time-consuming, repetitive tasks while providing simple management tools.

Storage for Enterprise Applications: Get the storage solutions that optimize Microsoft, Oracle and SAP environments.

Virtual Machines (VMs) and Containers: Gain readily available, easy-to-manage and high-performing storage for your smart city's virtual environments.

Storage Networking: Enable IT teams to connect to and share multiple data storage resources in your IT environment.

WHAT DATA STORAGE SOLUTIONS DO YOU NEED?

HPE and Aruba experts have been guiding decision-makers like you for a long time. They're ready to work with you to bring your smart city to life.

Visit our [content library](#) for more information. Then, equip yourself with the storage solutions that can transform your data into insights that can improve daily life, help government departments run more efficiently and boost business.

[EXPLORE CONTENT LIBRARY](#)