

Nexthink Collectors are **lightweight software agents that collect data from end-user devices, including hardware and software information, system activity, and even user feedback**. They enable remote actions on devices and are designed to minimize impact on local performance and network traffic. [1, 2, 3]

Here's a more detailed explanation:

What they do:

- **Data Collection:** Collectors gather information about devices, including hardware details, software installed, network connections, program executions, and more. [2, 2, 4, 4]
- **Engage with Users:** They allow for feedback collection through surveys and other engagement methods. [1, 1, 3, 3]
- **Remote Actions:** Collectors can execute actions on devices remotely, such as running scripts or modifying settings. [1, 1, 3, 3, 5]
- **Performance Monitoring:** They help monitor system activity and application performance. [1, 1, 6, 6]
- **Data Storage:** The collected data is sent to the Nexthink Engine for processing and storage. [4, 4]

Key Features:

- **Lightweight:** They are designed to have a minimal impact on local desktop performance. [2]
- **Silent Installation:** They can be installed silently and remotely. [2]
- **Low Network Impact:** They are designed to minimize network traffic. [2]
- **Centralized Management:** Nexthink provides tools to manage and update Collectors. [7]
- **Scalability:** They can be deployed on a large scale across various operating systems. [3]

Components of the Collector (V6):

- **Kernel Driver:** A kernel-mode driver that detects network connections.
- **Services:** A set of services that perform various tasks, including data collection and communication with the Engine.
- **Libraries:** Libraries that provide functionality for specific tasks, such as data gathering

for business applications.

- **Nexthink Application Experience:** A Mac daemon for specific data collection. [4]

Installation and Deployment:

- **Supported Operating Systems:** Collectors are available for Windows and macOS.
- **Deployment Methods:** They can be deployed using tools like SCCM and Active Directory GPO.
- **Updates:** Updates can be managed automatically by Nexthink. [1, 3]

In summary, Nexthink Collectors are a core component of the Nexthink platform, providing data collection, user engagement, and remote action capabilities, all while minimizing impact on local devices and network infrastructure. [1, 2, 3]