



# AIRCLIC MP HARVESTER

AirClic® MP Harvester™ enhances the AirClic MP solution by allowing enterprises to seamlessly transfer data back and forth between their mobile workers' handsets and their backend business systems.

## Mobilizing your backend systems

AirClic MP Harvester manages three major data transport functions: downloading data posted to the platform by mobile workers' handsets, pushing data from a database to the handsets, and responding to data requests from handsets.

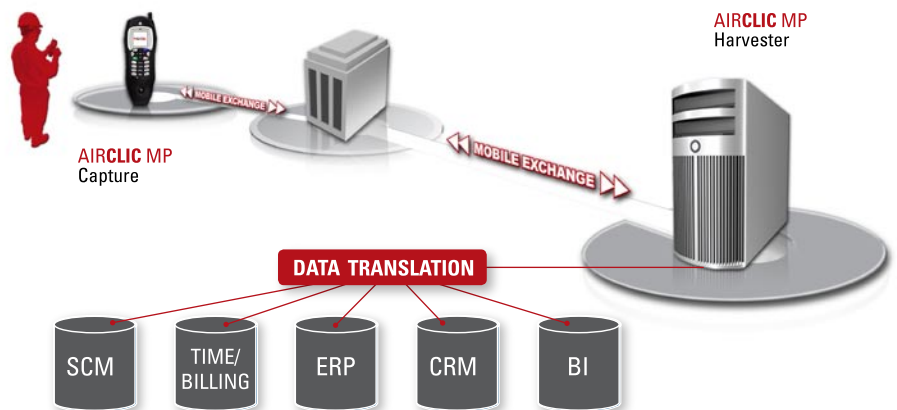
## Downloading handset data

AirClic MP Harvester retrieves and stores captured data in your local environment, enabling you to drive your existing backend systems with data from your mobile workers' handsets. Data from your mobile workers' handsets is written to completely customizable data structures, from a single table or file to a complex relational structure. These data structures are customized through configuration, rather than coding, a significant factor in AirClic's recognized speed-to-deployment and capacity for quick system changes.

The data store types supported by the system include relational databases such as Microsoft® SQL Server, Oracle®, MySQL and Microsoft® Access, as well as file formats such as CSV and XML. Because AirClic MP Harvester formats your data in the format required by the system you are exporting to, you can export files without tapping into already busy IT resources.

## AirClic MP Harvester at-a-glance:

- Downloads data posted to the platform by mobile workers' handsets
- Pushes data—such as work orders—from the database to the handset
- Responds to data requests from handsets by pulling stored information
- Supports multiple databases
- Integrates easily with most backend systems
- Provides the highest levels of security



**AirClic MP Harvester** transforms mobile data into the format required by your business system.



## Pushing information from database to handset

AirClic MP Harvester leverages AirClic's mobile exchange feature by making data from your backend system available to the handset. It takes the flexible data structures that have been written to a local database and passes these to the AirClic platform, which then pushes the data to users' handsets in real time. Rather than confine you to an off-the-shelf approach, AirClic MP Harvester works in conjunction with AirClic MP Capture to provide an end-to-end solution that is tailored to your specific needs.

## Responding to requests by the handset user

AirClic MP Harvester responds to requests from the handset by retrieving data from your local database. For example, when a mobile worker scans a part number, AirClic MP Harvester can retrieve both a description of the part as well as its availability. The part's availability signals the mobile application to choose the appropriate action. These real-time, mobile exchange lookups, drive the design of your custom mobile application and ultimately, the information that is provided to the user.

## Multiple levels of security

Security is central to the architecture of AirClic MP Harvester, beginning with the handset data that is automatically scrambled for transmission to and from AirClic MP Harvester. In addition, the connection between AirClic MP Harvester and the AirClic platform is designed so that AirClic MP Harvester always initiates communications, eliminating exposure to denial-of-service or other attacks. Because AirClic MP Harvester queries data directly from your local database, there's no need for AirClic to host a copy of your data, giving you additional security. And finally, HTTPS with SSL may be used for added security using 128-bit encryption, and for extremely critical data, customers can take advantage of Advanced Encryption Standard (AES) 256-bit data encryption.

## System specifics:

- **Operating systems supported:**

Windows®

UNIX®

Linux®

AS400

- **Databases supported:**

SQL Server

Oracle®

MySQL

Microsoft® Access

Microsoft® SQL Server

File formats: CSV  
and XML output

## » AirClic

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