

API Integration Request & Documentation – Maintenance App Project

Dear Technical Team,

After reviewing the current system workflow, we observed that the data availability follows this hierarchy:

(Search Client \rightarrow List Attached Machines \rightarrow Machine Visit History \rightarrow Visit Details).

To integrate this logic into our new application and facilitate local database synchronization, we kindly request the following:

1. API Documentation (Swagger / Postman):

Since the logic is already implemented on your side, please provide the API documentation (Swagger or Postman Collection) that reveals the existing Request/Response models and JSON fields for the screens mentioned above. This is crucial for us to map the data fields correctly.

2. Required Endpoints:

We need programmatic access to the existing logic, with one critical addition for performance optimization:

- **A) Full Customer Hierarchy Endpoint (Critical for Sync):**
 - Retrieving visits per machine individually creates a performance bottleneck during data synchronization (N+1 problem).
 - We require a **Composite Endpoint** that accepts a `ClientId` and returns the complete data tree: **(Customer Profile + All Attached Machines + All Visits for these machines)** in a single nested JSON response.
- **B) Granular Access APIs (Mirroring Current Workflow):**
 - Search Client API.
 - Get Machines by Client API.
 - Get Visit Details API.

3. Technical Specs:

- Please confirm the Date/Time format used (ISO 8601 is preferred).
- Our environment is **.NET 8**; please notify us of any non-standard serialization formats used in your existing APIs.

Best Regards,