

# TK Blue - Monthly extraction from TIERS - Technical Documentation

## Architecture

<High-level architecture schema illustrating the components and their interactions>

## Data Flow

<Describe the Data Flow (e.g. data sources, extraction, transformations, data quality controls, data storage, visualization), Data Model and Data Mapping>

## Procedures

<Describe the manual procedures that may be needed to operate the application (e.g. start/pause/terminate/restart the app processes, manual data reload, encryption key rotation, renew passwords or other manual activities)>

## Scheduling

<Describe the scheduling in place (e.g. existing jobs, trigger time/event based, dependencies)>

## Monitoring

<Describe the monitoring checks to confirm the application is performing well (e.g. check the overall status, data quality controls, performance metrics like runtime/data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

## Error Handling & Known Bugs

TK'Blue is the external tool. If any issues with it, end-users must send an email to [support@tkblueagency.com](mailto:support@tkblueagency.com)

In Service One, the part concerned by TK'Blue for incidents and evolution are the input from BW Tiers to GCP via Talend to extract data monthly, and the output is from TK'Blue to GCP to collect CO2 results and save them.

## Roadmap

<List past & future evolution for the application (including links to MED/FSD/TSD)>