

Continuous surveys made **easy**

askiasurf is the simple answer to the age-old question of how to easily manage continuous data projects, however large, and regardless of the number of waves involved. Although askia**analyse** and askia**vista** provide the basic platforms for analysing datasets of any size, we can easily accommodate the many variations of the typical continuous project where each subsequent wave can differ greatly from its predecessor. The key is in the use of our data alignment technique; time consuming processes are eliminated including the need to merge data. askiasurf then integrates with the entire Askia product range allowing users to edit questionnaires through askia**design** and to run askiasurf analyses both offline and online using askia**analyse** and askia**vista** respectively.

Management of multi-wave projects

askiasurf makes possible the quick and easy management of a questionnaire's wave-on-wave evolution with the added bonus of complete flexibility. We no longer need to update master files with details about every single question and response and to which specific waves they relate to. The need to work around changes in data collection formats is likewise rendered superfluous.

- Saves valuable time and is incredibly easy to administer
- No master file to update
- Questionnaire evolution managed within the interface
- Data is merged only when needed at the analysis stage
- Tables and charts are then created using askia**analyse** and/or askia**vista**

Data alignment

Our extremely efficient data alignment process replaces the need to import waves of data into large master files that get bigger over time; askiasurf only retains the alignment definition. This alignment contains the settings of the 'path' of each question, answer and caption for every wave and this information is then held in memory.

- Questionnaire definitions, not data, are stored thus avoiding huge data files
- Replaces the importation and merging of waves
- Reduces CPU time with multithreading
- Inheritance avoids the need for repetitive tasks and therefore safeguards reliability and errors

Data matching

Data matching definitions are created using a wizard, allowing the user to apply the rule settings for question order, caption text and variable or shortcut names. Warnings are displayed when captions are different between waves or internal codes do not match. The rules for matching can be set on a project-by-project basis according to client instructions.

- Match data from many sources (QES, SSS, Dimensions)
- Match data from different modes of collection
- Automatic warning system if differences occur between waves
- Rules for matching can be customised for each and every project

Analysis

Regardless of the number of waves that have been matched, the user can determine just the ones that are required thereby further speeding up the analysis process. By definition, askiasurf allows for time-series analysis and the API affords the user additional development as required.

- Export part, or all, of merged data to non-Askia formats
- Matched and aligned questionnaires can be analysed both on and offline with Askia
- Further exciting development opportunities exist using Askia's API including forecasting software using seasonality, exponential smoothing or wavelets