



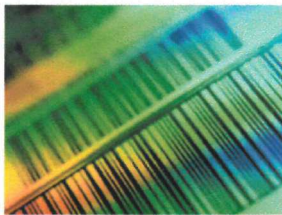
CATCHKEY

MOBILE DATA INPUTTING

CATCHKEY IS A COMPUTER SOLUTION FOR INPUTTING DATA IN WINDOWS.

IT IS DESIGNED FOR RESEARCH AND DEVELOPMENT DEPARTMENTS IN COMPANIES SPECIALIZING IN PLANT BREEDING AND EXPERIMENTS, FOR AGRICULTURAL CO-OPERATIVES AND BIOTECHNOLOGY LABORATORIES. DORIANE, A SPECIALIST IN RESEARCH AND DEVELOPMENT INFORMATION MANAGEMENT, OFFERS SOLUTIONS AND SERVICES TO IMPROVE THIS INFORMATION FLOW.

1 All inputs of an R&D department



SYSTEMATIC OBSERVATION IN THE FIELD

- Grading plants in Selection and Experimentation.
- Grading route settings and testing for coherence.

OBSERVATION IN THE LABORATORY

- Free grading, following predefined paths or when using barcode label readers.



CONNECTED/ON-BOARD INPUT

- Connecting the input devices or machines to the harvesting and measuring machines, trace printing of the results.

COMPARATIVE GRADING

- Grading of agronomic research trials with multi-window displaying for a complete information display.

2 Flexibility and simplicity

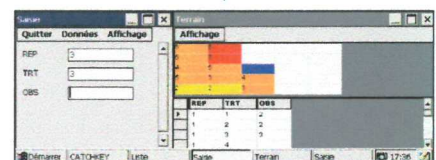
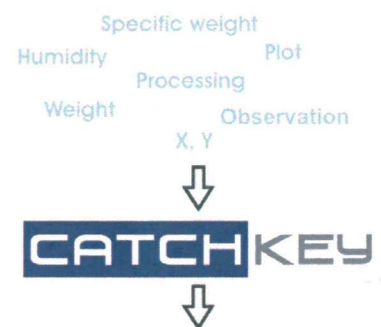
The CATCHKEY software package integrates all the input settings: identification codes, measured variables, connected equipment, users, grading paths, etc...

The input configurations are set in order to be adapted to each type of input carried out in the field. Data files are automatically exported to the Research Department network.

Two operating modes are possible:

- creating an "open" file at the beginning of the input operation with incrementation of the objects to be observed.
- Using a "preloaded" file containing the list of objects to be observed, it is imported from the computer network and stored in the machine. This file can be used to carry out several grading or measurement operations.

The integrated transfer of the data at the end of a session, by a GMS cell phone, facilitates the synchronization of data even for nomad users.



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Connected input

Nr	Factor	Mode	Port	Profile	Data	Valid	Visible	Beep	Print
1	SPECIE	Identifier	COM1	Scanner	1	No	Yes	No	Yes
2	PLACE	Identifier	COM1	Scanner	2	No	Yes	No	Yes
3	PLOT	Variable	COM1	Scanner	3	No	Yes	Yes	Yes
4	WEIGHT	Variable	COM2	Balance	1	No	Yes	Yes	Yes
5	H2O	Variable	COM4	Humidimeter	1	No	Yes	Yes	Yes
6	NOTE	Variable	Keyboard		1	No	Yes	No	Yes

Windows user interface for the settings of a connection to the identification machines or devices, measurement and analysis.

These settings are then re-used for all the necessary inputs.

Managing the connection between several measuring machines, and used at the end for an observed object (variety, plot, sample, stock, etc...).

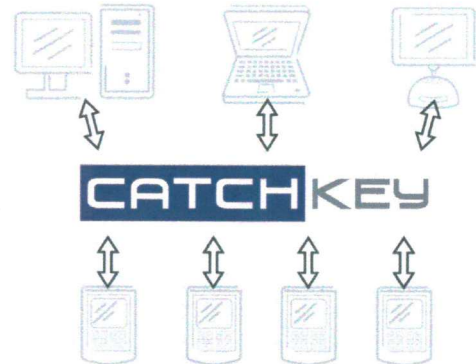
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Administering the input activity

Administering the input activity for an R&D department.

CATCHKEY Central System (CS), when installed into the computer network of a Research Department, manages the storage for all the inputted information: settings, input configurations, identification files, data files, etc...

CATCHKEY Data Collector (DC), when installed in the input devices, is a single and unique executable file whatever the inputting being



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Technical characteristics

SOFTWARE PACKAGES	OPERATING SYSTEM MINIMUM CONFIGURATION	TECHNICAL CHARACTERISTICS
CATCHKEY CS Central System	Windows XP PIII 500 MHZ,	<ul style="list-style-type: none"> • Transparent interface between the input device and the data bank. • File transfer log • Data bank interface • Network use • Automatic reception of files via a multi-language telephone link-up.
CATCHKEY DC Data Collector	Windows CE 3.0 Pocket PC PSION Workabout	<ul style="list-style-type: none"> • Data input management. • Creating / Editing / Modifying input characters. • Creating / Editing / Modifying of profile connections to the identification and measuring devices. • Creating / Editing / Modifying of multi-level input configurations. • Creating / Editing / Modifying / Pre-loading input files. • User administration. • Multi-lingual. • Functions for plant agronomy : Data paths, searching for missing elements, quantities, declaring assisted crossings on distribution and controls, graphic grading notebooks, etc...

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Examples of devices

