CLAIMS

What is claimed is:

1. A method for data verification for reducing the error rate of data input, which is executed by a terminal comprising a processor, a memory, an input device, and an output device, the memory being configured to store program codes, the processor being configured to execute the program codes stored by the memory and thereby execute the method which comprises:

obtaining, via the input device, package information to be verified and a corresponding definer of the package information;

calculating a deviation degree of the package information according to a predetermined matching algorithm, based on an operation authority and a historical definition data of the definer, wherein the deviation degree reflects an accuracy of the package information defined by the definer; and

outputting, via the output device, a prompt message to prompt the definer to verify the package information if the deviation degree is greater than a preset deviation standard value;

wherein, the calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer comprises:

obtaining an error coefficient α of the definer;

obtaining a sale organization and a sale channel corresponding to the package information;

determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer;

determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer; and

substituting the error coefficient α, the definition authority value A, the definition reference value B of the sale organization defined by the definer and the definition reference value C of the sale channel defined by the definer in a predetermined deviation degree calculation formula, obtaining a deviation degree β of the package information;

wherein the deviation degree calculation formula is: $\beta = (A + B + C) * \alpha$.

2. The method for data verification for reducing the error rate of data input according to claim 1, wherein, the obtaining an error coefficient α of the definer comprises:

counting the number of a historical definer time and the number of package information changing

time, and calculating a ratio of the number of a changing time to the number of a historical definer time; and

determining the error coefficient α according to the ratio;

wherein the larger the ratio is, the greater the error coefficient α is.

3. The method for data verification for reducing the error rate of data input according to claim 1, wherein, the determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer comprises:

estimating whether the definer can define the sale organization or not according to the operation authority of the definer; and

determining a definition authority value A of the sale organization defined by the definer based on the estimating result.

4. The method for data verification for reducing the error rate of data input according to claim 1, wherein, the determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer includes:

acquiring a definition data of the sale organization defined by the definer based on the historical definition data of the definer;

determining a definition reference value B of the sale organization defined by the definer based on the definition data of the sale organization defined by the definer;

acquiring a definition data of the sale channel defined by the definer based on the historical definition data of the definer; and

determining a definition reference value C of the sale channel defined by the definer based on the definition data of the sale channel defined by the definer.

5. A prompting device for data verification for reducing the error rate of data input, comprising:

an obtaining module configured for obtaining package information to be verified and a corresponding definer of the package information;

a calculating module configured for calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer, wherein the deviation degree reflects an accuracy of the package information defined by the definer; and

a prompting module configured for outputting a prompt message to prompt the definer to verify the package information if the deviation degree is greater than a preset deviation standard value, and outputting a prompt message to prompt the definer to verify the package information if the deviation degree is greater than a preset deviation standard value;

wherein, the calculating module comprises:

a first obtaining unit configured for obtaining an error coefficient α of the definer;

a second obtaining unit configured for obtaining a sale organization and a sale channel corresponding to the package information;

a first processing unit configured for determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer;

a second processing unit configured for determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer; and

a calculating unit configured for substituting the error coefficient α, the definition authority value A, the definition reference value B of the sale organization defined by the definer and the definition reference value C of the sale channel defined by the definer into a predetermined deviation degree calculation formula, and obtaining a deviation degree β of the package information;

wherein the deviation degree calculation formula is: $\beta = (A + B + C) * \alpha$.

6. The prompting device for data verification for reducing the error rate of data input according to claim 5, wherein, the first obtaining unit is configured for:

counting the number of a historical definer time and the number of package information changing time, and calculating a ratio of the number of a changing time to the number of a historical definer time; determining the error coefficient α according to the ratio;

wherein the larger the ratio is, the greater the error coefficient α is.

7. The prompting device for data verification for reducing the error rate of data input according to claim 5, wherein the first processing unit is configured for:

estimating whether the definer can define the sale organization or not according to the operation authority of the definer; determining a definition authority value A of the sale organization defined by the definer based on the estimating result.

8. The prompting device for data verification for reducing the error rate of data input according to

claim 5, wherein the second processing unit is configured for:
acquiring a definition data of the sale organization defined by the definer based on the historical definition data of the definer;
determining a definition reference value B of the sale organization defined by the definer based on the definition data of the sale organization defined by the definer;
acquiring a definition data of the sale channel defined by the definer based on the historical definition data of the definer; and
determining a definition reference value C of the sale channel defined by the definer based on the definition data of the sale channel defined by the definer.

9. A terminal for reducing the error rate of data input, the terminal comprises a processor, a memory, an input device, and an output device;
wherein the input device is configured for enabling a user to input package information to be verified, obtaining package information to be verified, and a corresponding definer of the package information;
the memory is configured for storing program code;
the processor is configured for executing program code stored in the memory to perform the following operations:
obtaining package information to be verified and a corresponding definer of the package information;
calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer, wherein the deviation degree reflects the accuracy of the package information defined by the definer; and
outputting a prompt message to prompt the definer to verify the package information if the deviation degree is greater than a preset deviation standard value;
wherein the output device is used for outputting the prompt information;
wherein the calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer comprises:
obtaining an error coefficient α of the definer;
obtaining a sale organization and a sale channel corresponding to the package information;
determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer;

determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer; and

substituting the error coefficient α, the definition authority value A, the definition reference value B of the sale organization defined by the definer and the definition reference value C of the sale channel defined by the definer into a predetermined deviation degree calculation formula, and obtaining a deviation degree β of the package information;

wherein the deviation degree calculation formula is: $\beta = (A + B + C) * \alpha$.

10. The terminal for reducing the error rate of data input according to claim 9, wherein the obtaining an error coefficient α of the definer comprises:

counting the number of a historical definer time and the number of package information changing time, and calculating a ratio of the number of a changing time to the number of a historical definer time; and

determining the error coefficient α according to the ratio;

wherein the larger the ratio is, the greater the error coefficient α is.

11. The terminal for reducing the error rate of data input according to claim 9, wherein the determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer comprises:

estimating whether the definer can define the sale organization or not according to the operation authority of the definer; and

determining a definition authority value A of the sale organization defined by the definer based on the estimating result.

12. The terminal for reducing the error rate of data input according to claim 9, wherein the determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer comprises:

acquiring a definition data of the sale organization defined by the definer based on the historical definition data of the definer;

determining a definition reference value B of the sale organization defined by the definer based on the definition data of the sale organization defined by the definer;

acquiring a definition data of the sale channel defined by the definer based on the historical definition data of the definer; and

determining a definition reference value C of the sale channel defined by the definer based on the definition data of the sale channel defined by the definer.

13. A non-transient computer-readable storage medium, wherein the non-transient computer-readable storage medium is configured for storing instructions executable by one or more processors to perform a method for data verification for reducing the error rate of data input, the method comprising:

obtaining package information to be verified and a corresponding definer of the package information;

calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer, the deviation degree reflects an accuracy of the package information defined by the definer;

outputting a prompt message to prompt the definer to verify the package information if the deviation degree is greater than a preset deviation standard value;

wherein the calculating a deviation degree of the package information according to a predetermined matching algorithm based on an operation authority and a historical definition data of the definer includes:

obtaining an error coefficient α of the definer;

obtaining a sale organization and a sale channel corresponding to the package information;

determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer;

determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer; and

substituting the error coefficient α, the definition authority value A, the definition reference value B of the sale organization defined by the definer and the definition reference value C of the sale channel defined by the definer into a predetermined deviation degree calculation formula, and obtaining a deviation degree β of the package information;

wherein the deviation degree calculation formula is: $\beta = (A + B + C) * \alpha$.

14. The non-transient computer-readable storage medium according to claim 13, wherein the

obtaining an error coefficient α of the definer includes:
counting the number of a historical definer time and the number of a package information changing time, and calculating a ratio of the number of a changing time to the number of a historical definer time; and
determining the error coefficient α according to the ratio;
wherein the larger the ratio is, the greater the error coefficient α is.

15. The non-transient computer-readable storage medium according to claim 13, wherein the determining a definition authority value A of the sale organization defined by the definer according to the operation authority of the definer comprises:
estimating whether the definer can define the sale organization or not according to the operation authority of the definer; and
determining a definition authority value A of the sale organization defined by the definer based on the estimating result.

16. The non-transient computer-readable storage medium according to claim 13, wherein the determining a definition reference value B of the sale organization defined by the definer and a definition reference value C of the sale channel defined by the definer based on the historical definition data of the definer includes:
acquiring a definition data of the sale organization defined by the definer based on the historical definition data of the definer;
determining a definition reference value B of the sale organization defined by the definer based on the definition data of the sale organization defined by the definer;
acquiring a definition data of the sale channel defined by the definer based on the historical definition data of the definer; and
determining a definition reference value C of the sale channel defined by the definer based on the definition data of the sale channel defined by the definer.