CLAIMS

1. A container management system (1) with a number of containers (2) which have identifying, electronically readable codes assigned to them, and with a number of dispensing/filling stations configured for dispensing a liquid from the container (2) or supplying said container with a liquid, characterized in that electronic reading units are associated with the dispensing/filling stations, by means of which codes of containers (2) are readable and in that data read by electronic reading units wherein data read by the electronic reading units are fed into a cloud-based computer system (13) configured for storing and analyzing the data and wherein each dispensing/filling station by means of which liquid can be dispensed from a container (2) or can be supplied to the container (2) being associated with an electronic reading unit which reads the code of the respective container (2) and transmits that code to the cloud-based computer system (13) enables the cloud-based computer system (13) to monitor whether the container (2) is associated with the correct dispensing/filling station.

2. The container management system (1) according to claim 1, characterized in that the cloud-based computer system (13) is configured to perform control and/or monitoring functions.

3. The container management system (1) according to any of claims 1 or 2, characterized in that the electronic codes are stored on a chip respectively integrated in the connection (3) of a container (2).

4. The container management system (1) according to claim 3, characterized in that the chip is an RFID chip and in that each electronic reading unit is an RFID reading unit.

5. The container management system (1) according to any of claims 1 to 4, characterized in that an electronic reading unit is integrated in a dispensing/filling station.

6. The container management system (1) according to any of claims 3 to 5, characterized in that data of the container (2) and/or data of a liquid accommodated in the container (2) are stored on a chip of a container (2).

7. The container management system (1) according to any of claims 1 to 6, characterized in that an electronic reading unit forms an assembly with an interface unit (11), and that electronic reading units are connected to an interface unit (11) individually or in groups, said interface unit being connected with the cloud-based computer system (13) via a wirelessly operating data transmission unit (12).

8. The container management system (1) according to claim 7, characterized in that at least one control unit (5), by means of which dispensing and/or filling processes of containers (2) are controllable, is connected to an interface unit (11).

9. The container management system (1) according to any of claims 1 to 8, characterized in that by means of the cloud-based computer system (13) control commands for dispensing and/or filling processes are generated based on data transmitted by means of the electronic reading units, wherein the control commands are send to control units (5) by the cloud-based computer system (13).

10. The container management system (1) according to claim 9, characterized in that in response to a valid code of a container (2) read by an electronic reading unit and the transmission of said code to the cloud-based computer system (13), said cloud-based computer system generates an enable signal for a dispensing or filling process for this container (2) as a control command.

11. The container management system (1) according to any of claims 1 to 10, characterized in that the cloud-based computer system (13) generates status messages for containers (2) based on data from the electronic reading units.

12. The container management system (1) according to claim 11, characterized in that fill levels of containers (2), positions of containers (2) or error states for containers (2) are generated as status messages and/or blocking signals or warning signals are generated.

13. The container management system (1) according to any of claims 11 or 12, characterized in that the cloud-based computer system (13) generates control commands and/or messages for procurement processes and warehousing processes based on status messages.

14. The container management system (1) according to any of claims 11 to 13, characterized in that the cloud-based computer system (13) generates documentation and/or time-based status reports based on status messages.

15. A method for operating a container management system (1) with a number of containers (2) which have identifying, electronically readable codes assigned to them, and with a number of dispensing/filling stations, each of which is connectable to a connection (3) of a container (2) for dispensing a liquid from the container (2) or supplying said container with a liquid, characterized in that electronic reading units are associated with the dispensing/filling stations, by means of which codes of containers (2) are readable wherein data read by the electronic reading units are fed into a cloud-based computer system (13) configured for storing and analyzing the data and wherein each dispensing/filling station by means of which liquid can be dispensed from a container (2) or can be supplied to the container (2) being associated with an electronic reading unit which reads the code of the respective container (2) and transmits that code to the cloud-based computer system (13) enables the cloud-based computer system (13) to monitor whether the container (2) is associated with the correct dispensing/filling station.