11. A network interface for a trader data processing device, in particular for a stock market trading system according to claim 9 or 10, wherein the trader data processing device comprises a central unit with a central processor and central memory means and with an operating system, wherein the network interface is designed to be in communicating connection with the central unit and to serve as an interface to the trading platform, **characterised in that** the network interface comprises memory means for storing condition data of a current condition of the stock market trading system, as well as a computation device, wherein the computation device is designed as a dedicated logic circuit in a manner such that the computation device is capable of submitting orders in the form of messages, to the trading platform, in a manner depending on condition data and in accordance with specifications of the central unit.

12. A network interface according to claim 11, designed as a network card.

13. A network interface according to claim 11 or 12, comprising an alarm unit for informing the central unit when a predefined event occurs.

14. A network interface according to one of the claims 11 to 13, comprising a time generator.

15. A trader data processing device for a stock exchange trading system according to claim 9 or 10, comprising a central unit with a central processor, central memory means and an operating system, as well as comprising a network interface according to one of the claims 11 to 14, said network interface being in communicating connection with the central unit.

16. A trader data processing device according to claim 15, wherein the network interface comprises a network interface data bus, and the central unit comprises a central data bus, wherein the network interface data bus and the central data bus are different from one another and wherein the computation unit can read directly from the network interface data bus and write onto this.

17. A stock market trading system, in particular according to claim 9 or 10, comprising a trading platform and a plurality of trader data processing devices according to claim 15 or 16, wherein the trading platform comprises a trading platform data processing device which is capable of storing orders produced by one of the trader data processing devices in an order book, or, given a matching order already stored in the order book, of at least partly carrying it out, of acknowledging the receipt of such arrived orders to the submitting trader data processing device, and moreover, in a broadcast mode, of sending messages to a group of connected trader data processing devices or to all connected trader data processing devices.