

CLAIMS

1. A communication network node for providing data to a distributed ledger, wherein the node comprises circuitry configured to:
provide a special condition for a smart contract, and
verify whether the special condition is met.
2. The communication network node of claim 1, wherein the special condition includes a time condition or a location condition.
3. The communication network node of claim 1, wherein the special condition is a condition for a ticket.
4. The communication network node of claim 3, wherein the condition is an off-peak condition.
5. The communication network node of claim 1, wherein the distributed ledger is updated in dependence on the verification whether the special condition is met.
6. The communication network node of claim 1, wherein the distributed ledger includes a blockchain.
7. The communication network node of claim 1, wherein the distributed ledger includes data for mobility as a service.
8. The communication network node of claim 1, wherein access to the distributed ledger is granted based on a permission right.
9. The communication network node of claim 8, wherein the node is part of a consortium.
10. A communication network node for providing data to a distributed ledger, wherein the node comprises circuitry configured to:
recognize a service disturbance, the service being defined on the basis of a smart contract, and
adapt the smart contract on the basis of the recognized service disturbance.

11. The communication network node of claim 10, wherein the service is mobility as a service.
12. The communication network node of claim 11, wherein the disturbance includes a transport delay or transport disruption.
13. The communication network node of claim 10, wherein the service disturbance is recognized on the basis of sensor data.
14. The communication network node of claim 13, wherein the sensor data are provided by an electronic device worn by a user.
15. The communication network node of claim 13, wherein the sensor data are provided by an electronic device mounted at transport station.
16. The communication network node of claim 10, wherein the disturbance is recognized by checking a transport status provided by a transport operator.
17. The communication network node of claim 16, wherein the transport status is checked over an application programming interface of a transport operator server.
18. The communication network node of claim 10, wherein the smart contract is adapted by stopping, cancelling, suspending, amending or providing a new smart contract.
19. A method for controlling a communication network comprising multiple nodes for providing a distributed ledger, the method comprising:
 - providing a special condition for a smart contract, and
 - verifying whether the special condition is met.
20. A mobile terminal for communicating with a network node for providing data to a distributed ledger, wherein the mobile terminal comprises circuitry configured to:
 - provide data to the network node for verifying whether a special condition of a smart contract is met.