What is claimed is:

1. A method for operating transaction-enabling system comprising a controller, the method comprising the steps of:

   accessing, using the controller, a distributed ledger comprising an instruction set;

   tokenizing, using the controller the instruction set;

   interpreting, using the controller an instruction set access request; and

   providing, using the controller a provable access to the instruction set in response to the instruction set access request.
2. The method of claim 1, wherein the instruction set comprises an instruction set for a coating process and the method further comprises the step of providing commands to a production tool of the coating process in response to the instruction set access request.
3. The method of claim 1, wherein the instruction set comprises an instruction set for a 3D printing process and the further comprises the step of providing commands to a production tool of the 3D printing process in response to the instruction set access request.
4. The method of claim 2 or claim 3, further comprising recording a transaction on the distributed ledger in response to the providing commands to the production tool.
5. The method of claim 1, wherein the instruction set comprises an instruction set for a semiconductor fabrication process and the method further comprises the step of providing commands to a production tool of the semiconductor fabrication process in response to the instruction set access request.
6. The method of claim 1, wherein the instruction set comprises field programmable gate array (FPGA) instruction set and the method further comprises the steps of interpreting an execution operation of the FPGA instruction set, and recording a transaction on the distributed ledger in response to the execution operation.
7. The method of claim 1, wherein the instruction set comprises an instruction set for a food preparation process and the method further comprises the step of providing commands to a production tool of the food preparation process in response to the instruction set access request .
8. The method of claim 1, wherein the instruction set comprises an instruction set for a polymer production process and the method further comprises the step of providing

commands to a production tool of the polymer production process in response to the instruction set access request.

9. The method of claim 1, wherein the instruction set comprises an instruction set for a chemical synthesis process and the method further comprises the step of providing commands to a production tool of the chemical synthesis process in response to the instruction set access request.
10. The method of claim 1, wherein the instruction set comprises an instruction set for a biological production process and the method further comprises the step of providing commands to a production tool of the biological production process in response to the instruction set access request.
11. The method of claim 1, wherein the instruction set comprises an instruction set for a crystal fabrication process and the method further comprises the step of providing commands to a production tool of the crystal fabrication process in response to the instruction set access request.
12. The method of claim 1, further comprising the steps of:

    interpreting an execution operation of the instruction set, and

    recording a transaction on the distributed ledger in response to the execution operation.
13. The method according to any one of claims 1 to 12, wherein the distributed ledger is stored separately from the controller.
14. The method according to claim 13, wherein the distributed ledger is stored in a separate data store of instructions.
15. The method of any one of claims 1 to 14, further comprising the steps of:

    Providing a user with a token demonstrating access, and

    recording a transaction on the distributed indicating the access.