CLAIMS

1. A computer-implemented method for selection and configuration of an automated robotic process to perform a task, the method comprising:

- receiving a temporal biometric measurement of a worker comprising a set of spatial-temporal imaging data of a brain of a worker acquired while the worker is performing the task or a simulation of the task;

- receiving a spatial-temporal environmental input provided to the worker;

- identifying a type of reasoning used when performing the task based, at least in part, on identifying a set of spatial-temporal neocortical activity patterns of the worker and identifying an active area of a neocortex of the worker while the worker is performing the task from the set of spatial-temporal imaging data of the brain of the worker;

- selecting a component of an AI solution to replicate the type of reasoning based, at least in part, on the identified active area of the neocortex; and configuring the component of the AI solution to perform the task based on the spatial-temporal environmental input.

2. The method of claim 1, wherein the identified active area of the neocortex comprises a O1 neocortex region, and the selected AI component is optimized for visual processing.

3. The method of claim 2, wherein the configuring the component of the AI solution further comprises identifying a visual input for the component based on the spatial-temporal environmental input.

4. The method of claim 1, wherein the identified active area of the neocortex comprises a C3 neocortex region, and the selected component is optimized for at least one of data storage or retrieval.

5. The method of claim 1, wherein the selected component comprises a block-chain based distributed ledger.

6. The method of claim 1, further comprising identifying whether a serial or a parallel processing AI component is optimal based, at least in part, on the spatial-temporal neocortical activity patterns.

7. The method of claim 1, wherein the configuring the selected component of the AI solution further comprises:

- identifying an ordered set of inputs to the component of the AI solution,

- identifying efficiencies from combinations of the spatial-temporal environmental input, or

- identifying undesirable portions of the spatial-temporal environmental input that do not contribute to a positive solution; and configuring an input to a portion of the AI solution to limit undesirable input to the AI solution.

8. The method of claim 7, wherein limiting undesirable input to the AI solution further comprises removing input noise.

9. The method of claim 1, wherein the spatial-temporal environmental comprises at least one of:

- an auditory environment,

- a visual environment,

- an olfactory environment, or

- a device user interface.

10. The method of claim 1, further comprising:

- receiving a second temporal biometric measurement of the worker performing a task;

wherein the second temporal biometric measurement comprises at least one of an image of the worker, a video feed of the worker, an audio feed from the worker, a movement of the worker, a heartbeat of the worker, a galvanic skin response of the worker, or eye movements of the worker,

- identifying a plurality of performed tasks from the biometric measurements; and extracting a performance parameter from the biometric measurements; wherein the configuring the selected component of the AI solution is based, at least in part, on the performance parameter, or

- identifying a plurality of time intervals between each task of a plurality of performed tasks; and configuring the selected component of the AI solution based on at least one of the time intervals.

11. The method of claim 10, wherein the second temporal biometric measurement is provided in a training set for the component of the AI solution.

12. The method of claim 10, further comprising:

- receiving results data related to the task; and

- correlating the second temporal biometric measurement with the received results data;

wherein the selecting the component of the AI solution is further based on, at least in part, at least one of the results data or the correlation.