

IMPLICATIONS FOR FINANCIAL MARKET INFRASTRUCTURES OF A WHOLESALE CENTRAL BANK DIGITAL CURRENCY BASED ON DLT

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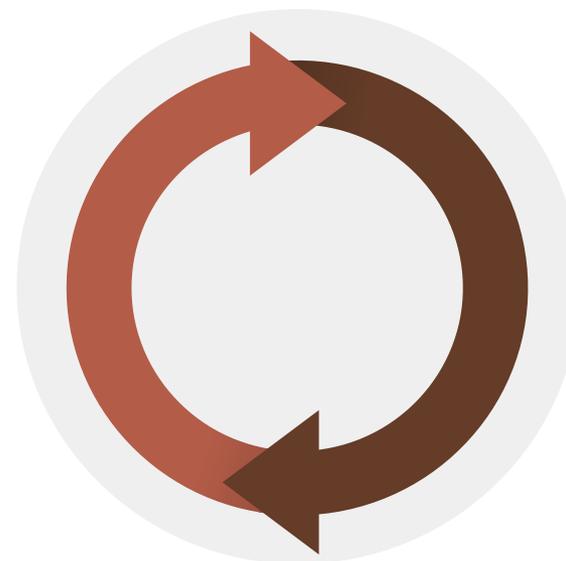
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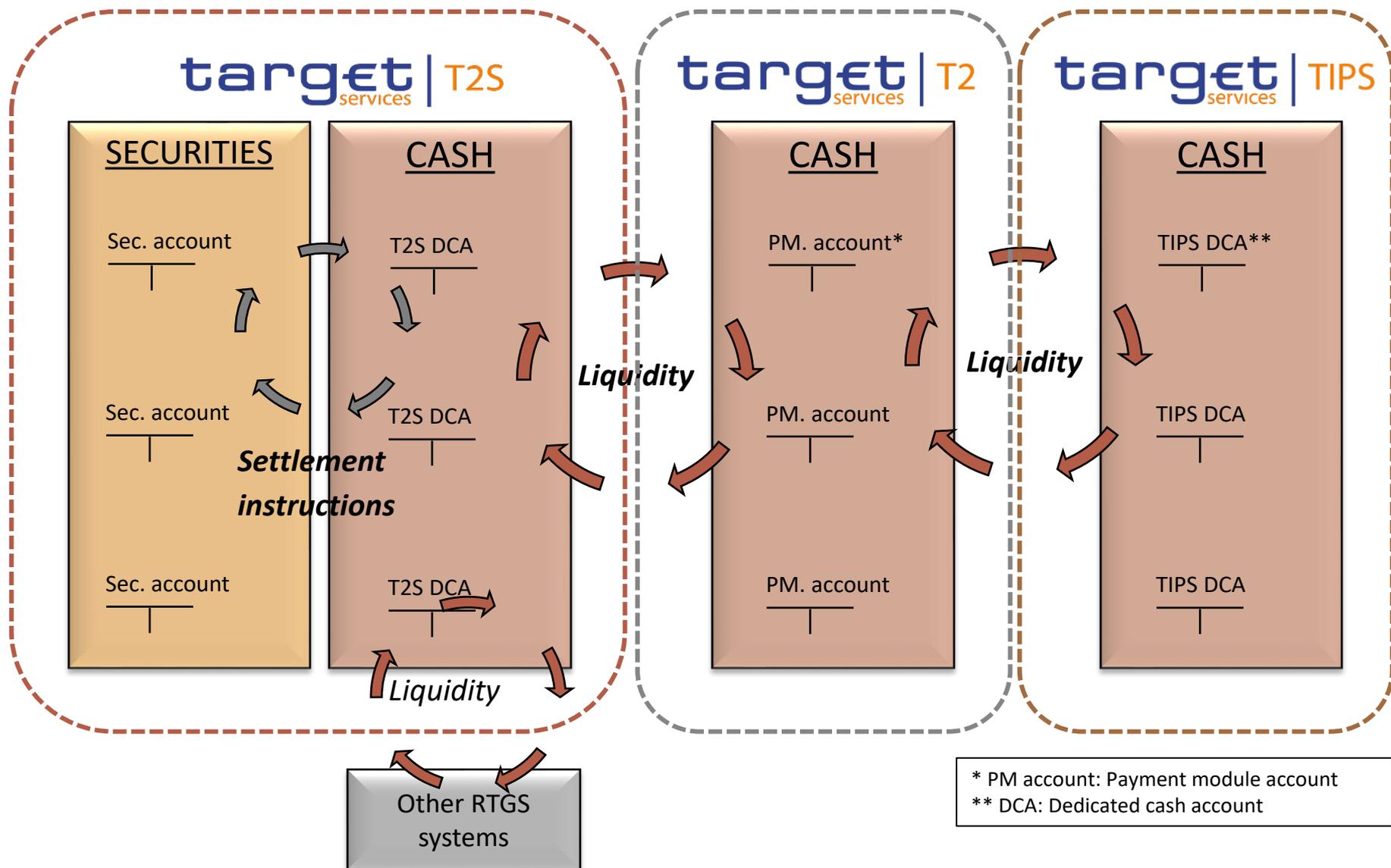


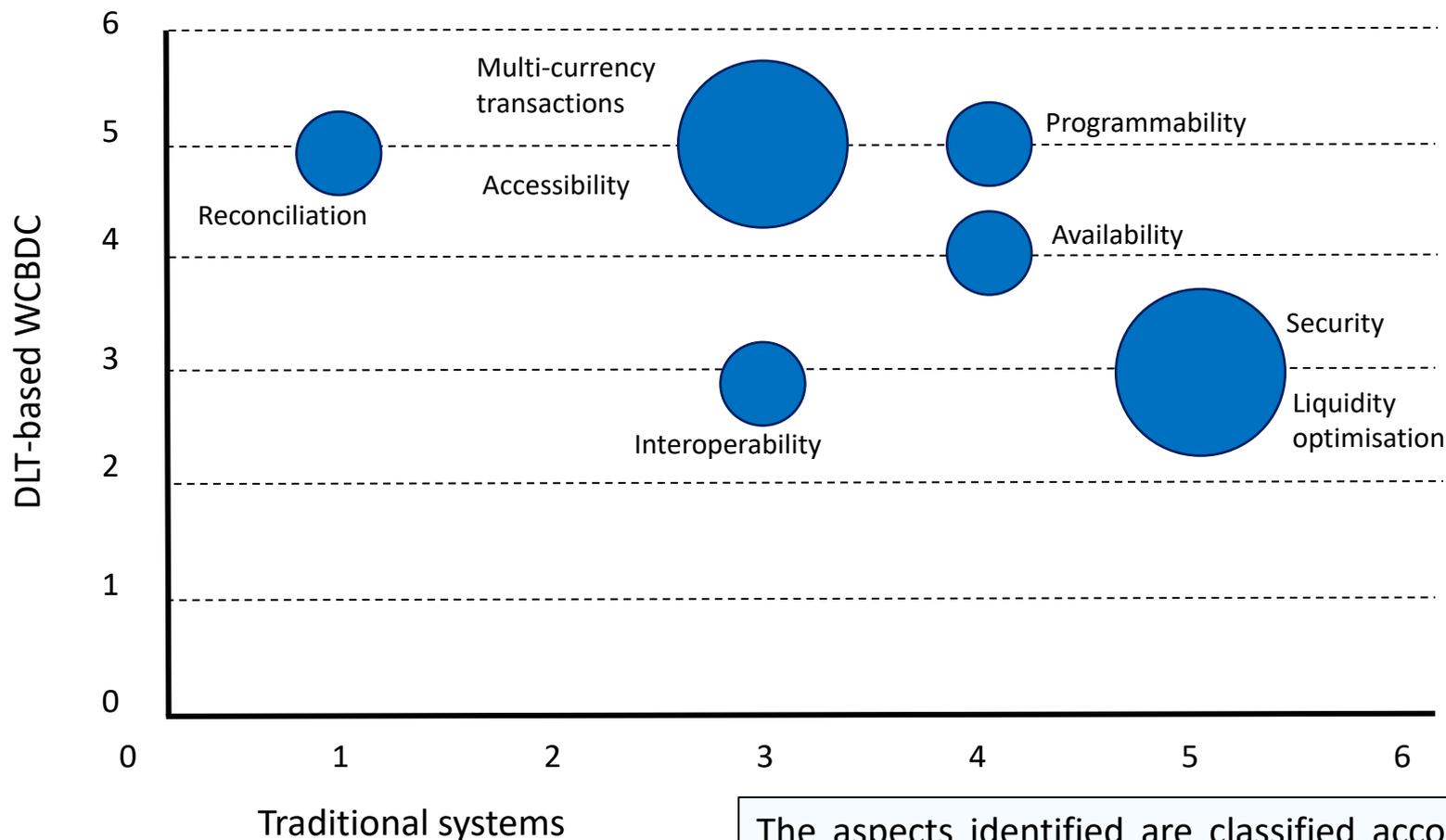
WCBDC



DLT

A WCBDC issued directly within the distributed network seems to be the most appropriate solution for exchanges inside the network, as it would provide a perfectly liquid and credit risk free payment solution.





The aspects identified are classified according to their greater or lesser potential impact for today's payment and securities settlement systems

Reconciliation of transactions



The current reconciliation of the actors interacting with the FMIs would be more efficient, it could be made in real time or may even become unnecessary

Multi-currency international transactions



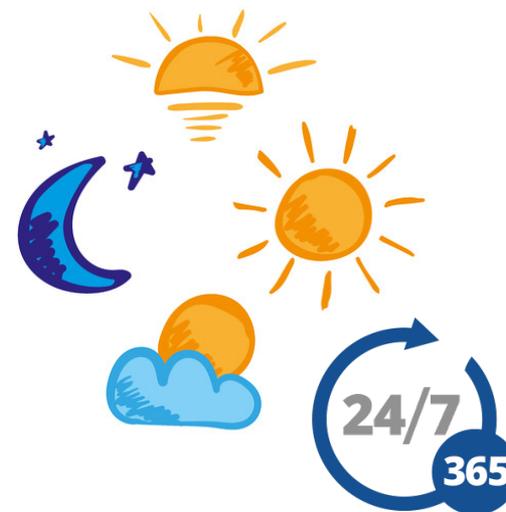
The potential issuance of a WCBDC integrated into a DLT network could enhance the efficiency, transparency and traceability of multi-currency transactions.

Accessibility



A decentralized platform could lower barriers and enable direct access to settlement services to a larger number of participants

Availability



Integrating a WCBDC into a DLT network could increase the availability of the FMIs by removing technical constraints.

Interoperability



The introduction of a WCBDC, either alone or as part of a DLT network, would not per se resolve the problem of international interconnectivity.

Programmability



In general terms automatic execution of operations could be achieved using other technologies, although it may be less efficient.

Liquidity optimisation



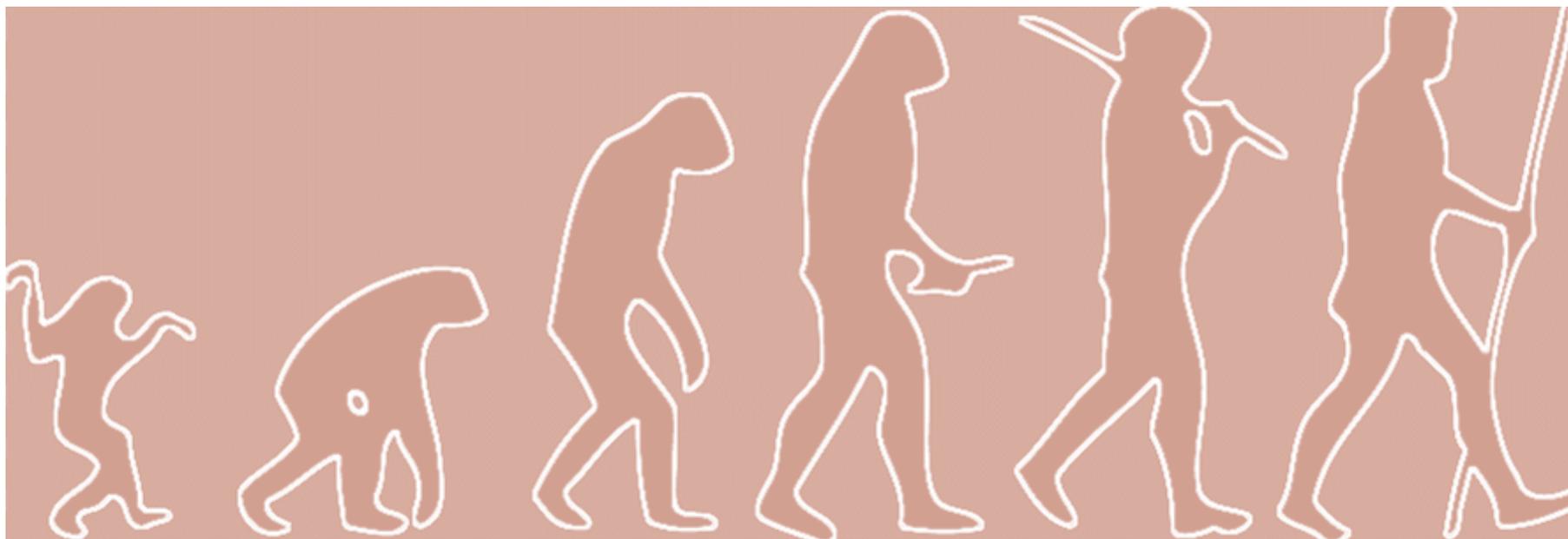
Neither liquidity optimization routines nor a possible improvement in execution times are determinant for issuance of a WCBDC on a DLT platform.

Security, resilience and integrity



Although DLT networks are highly resilient to date this does not appear sufficient, from a security standpoint, to warrant a radical change in the current design of the FMIs.

Even if it is difficult to foresee a radical change in technology used today by the current FMIs in the short term, the most plausible scenario seems to be a gradual evolve of the FMIs to new technology solutions, integrating new functionalities based on new technologies such as DLT, which will offer new possibilities to their participants.



THANKS FOR YOUR ATTENTION

