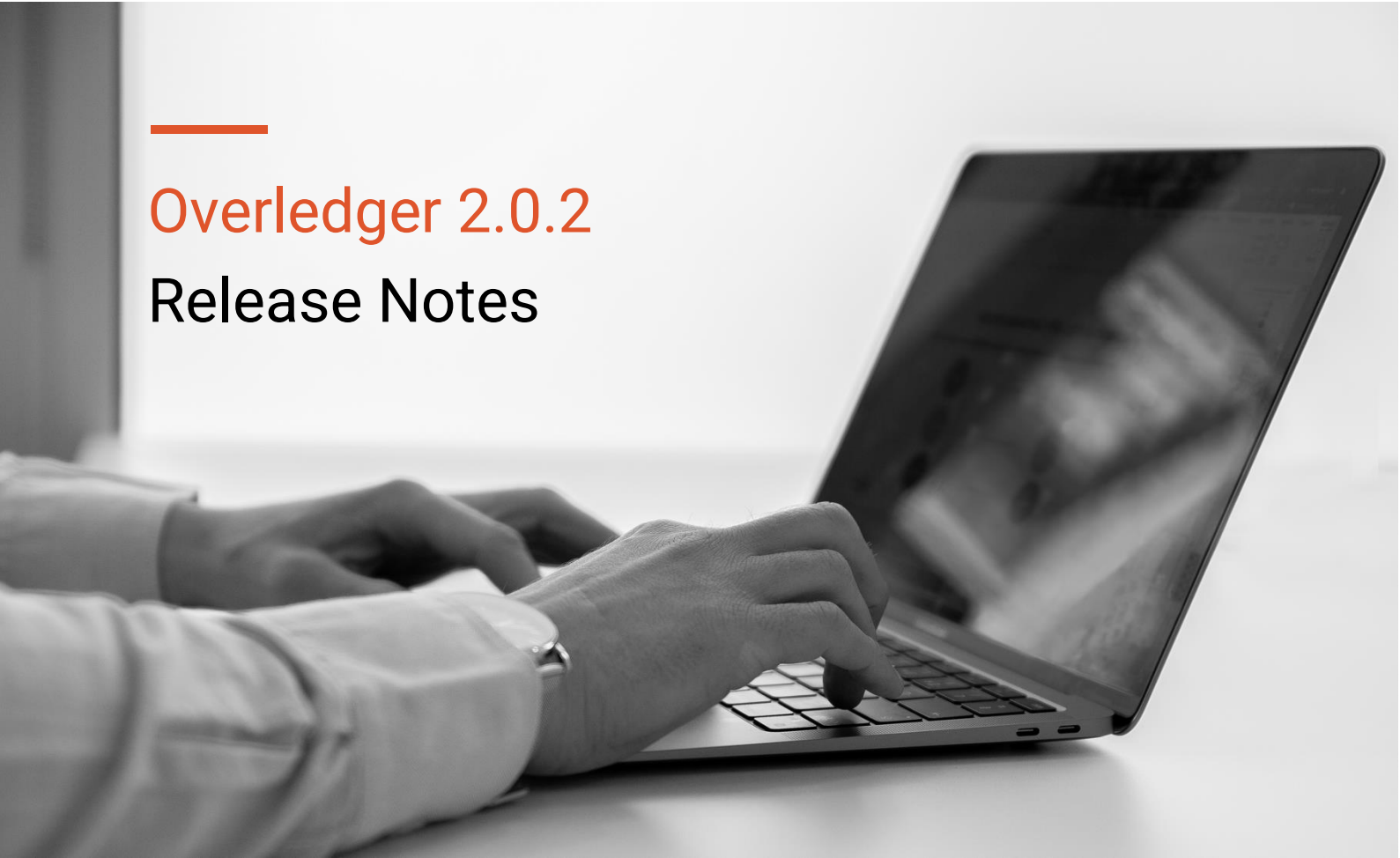**QUANT**

Overledger 2.0.2

Release Notes

What's New?

Product Line: Overledger API Gateway

Item #1: Smart Contract Invoke API

Description
With release 2.0.2 Overledger will now allow mDapp applications to invoke Ethereum smart contract functions directly from the common API. Applications can call Overledger with a DLT-neutral JSON body of data to be passed to the smart contract using the 'Contract Invoke' call. Overledger will construct the corresponding transaction, ready to be executed in a subsequent API call.

Smart contract invoke requests can be sent to Overledger as an API payload to these endpoints:

Sandbox
Prepare – POST https://api.sandbox.overledger.io/v2/preparation/transaction
Execute – POST https://api.sandbox.overledger.io/v2/execution/transaction

Production
Prepare – POST https://api.overledger.io/v2/preparation/transaction
Execute – POST https://api.overledger.io/v2/execution/transaction

SDK
As part of this feature the Javascript SDK has been updated. You can download the latest version of the Javascript SDK here

Documentation
API documentation is here

Supported DLT's
Smart contract invoke transactions are supported in this release for:

- Ethereum

Improvements

Product Line: Overledger API Gateway

- Validation on API request payloads sent to POST /preparation/transaction for type 'Payment'.

- Further standardisation on the request payload for POST /preparation/transaction for type 'Payment' to remove the totalPayment object for a consistent user experience across DLT's.

- Update to the API response payload received from POST /execution/search/transaction to display appropriate decimal places on amounts for Ethereum, Bitcoin and XRP Ledger.

- Implemented fix for OVLKI0001: When reading an Overledger Transaction for Bitcoin the Transaction status is not updated to 'Successful'.

Known Issues

Product Line: Overledger API Gateway

- OVLKI0005: Connecting multiple commercial DLNs of the same type causes static transaction routing to fail.
- OVLKI0006: When searching for a transaction that includes interaction with a smart contract on Ethereum, the functionId returned in the response does not include 0x.

QUANT

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