

OpenFlow-based Link Dimensioning

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Link Dimensioning

- Approach based on flow-level measurements
- Input on a per flow basis
- Dimensioning formula requires Gaussian traffic
- Validated using NetFlow data

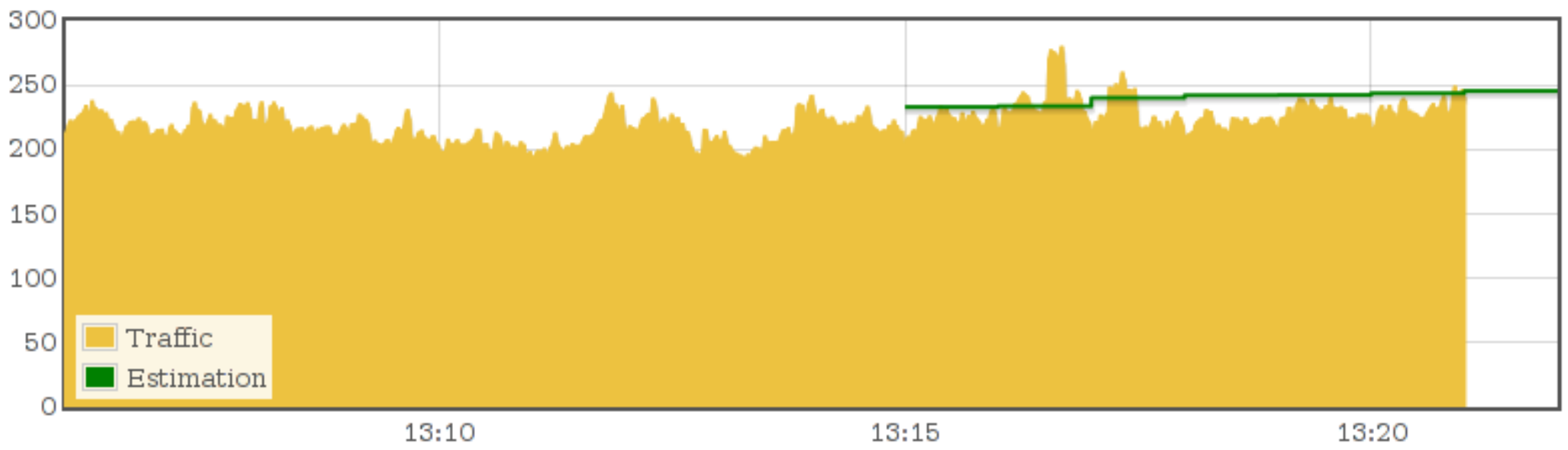
OpenFlow approach

- Flow tables offer the per flow information
- Retrieval solely based on OF messages
`FLOW_REMOVED`, `STATS_REQUEST`

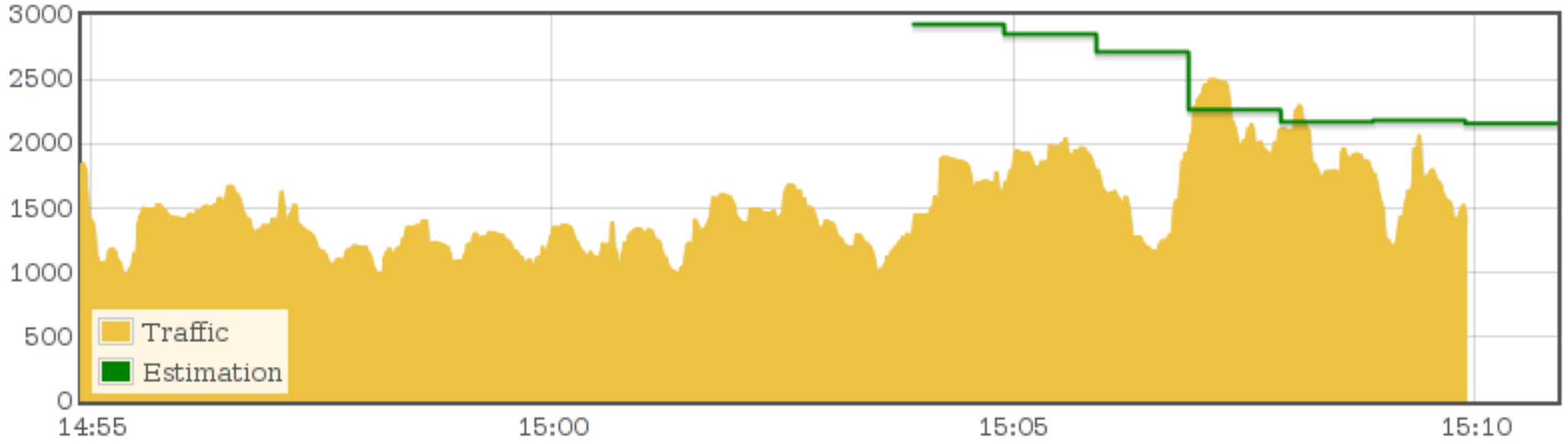
In practice

- Quality of measured data is problematic
- Measurements are not a priority for vendors

NetFlow-based



OpenFlow-based



Can we count on OpenFlow?

Booth #3751:

SURF

NET



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