

PHUSE US CONNECT 2026: ET21

Business Event Triggers The Next Level of Automation

Marc Jantke – Entimo AG

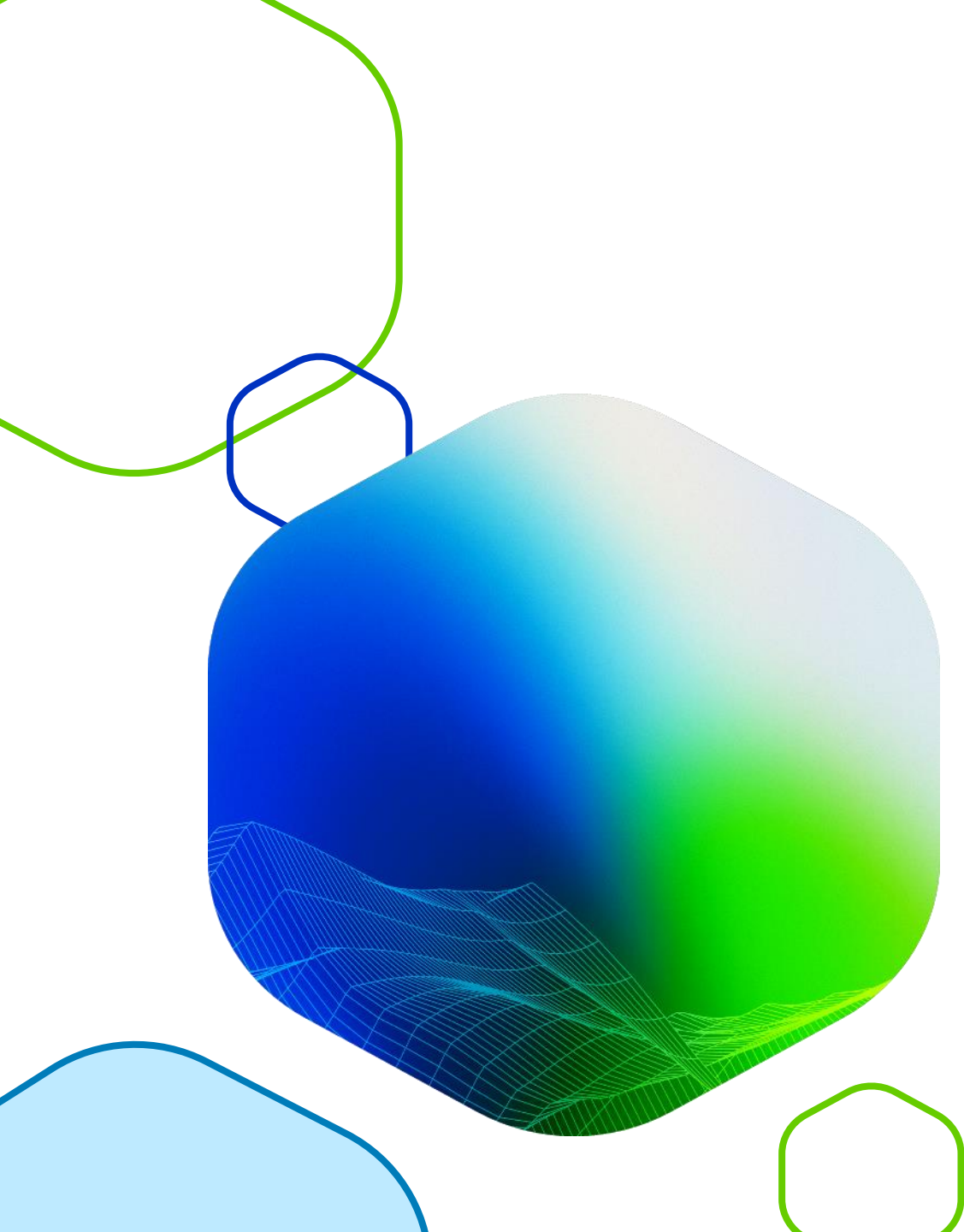
25-Mar-2026

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Agenda

- Introduction
- Automation with Pipelines
- Automation with Business Events
- Conclusion

Let's not forget ...

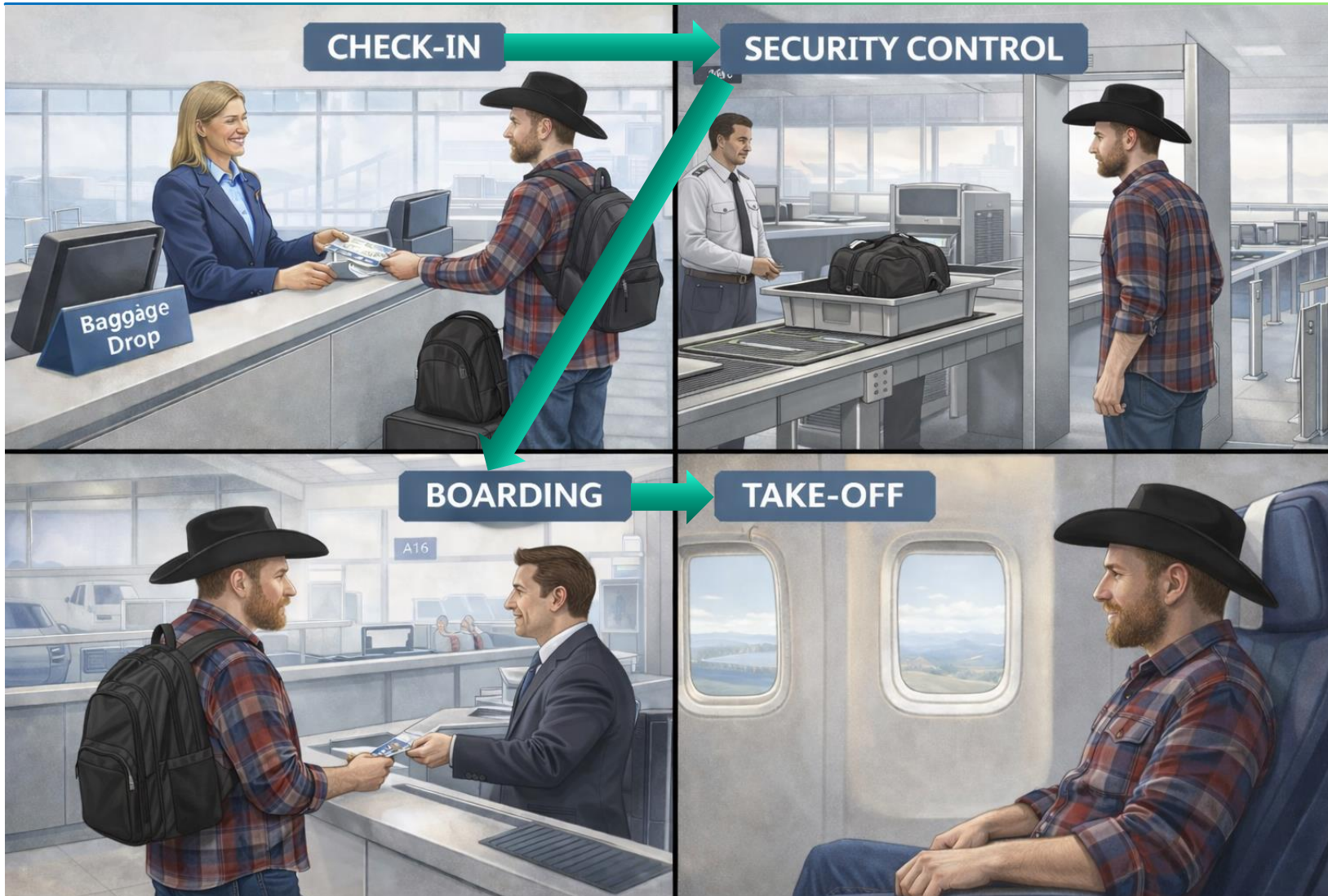
Every number in our datasets represents patients who are waiting for safe and effective treatments.



Why automation still leaves us waiting



If all goes well...



This breaks with

Missing preconditions
(no ESTA)

Failed checks
(too heavy luggage)

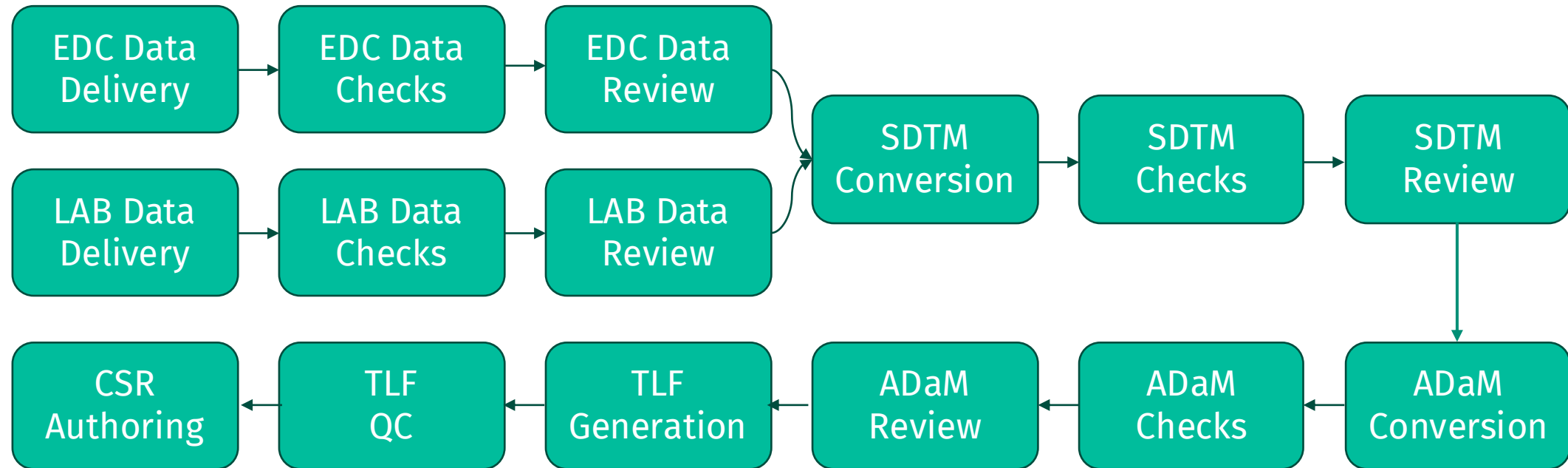
Required re-runs
(re-screening)

Backpressure
(train arrival)

Late deliveries
(delay from prev. flight)

Communication gaps
(ground control clearance)

Automation with pipelines



Responsibility?

Complexity?

Accountability?

Timing?



Limitations

Pipelines optimize execution – not coordination.

Clinical trial analysis is non-linear with many dependencies.

What if automation reacted to what actually happens?

„Business Events“ in our daily lives



This handles

Preconditions
(payment done)

Checks
(items available)

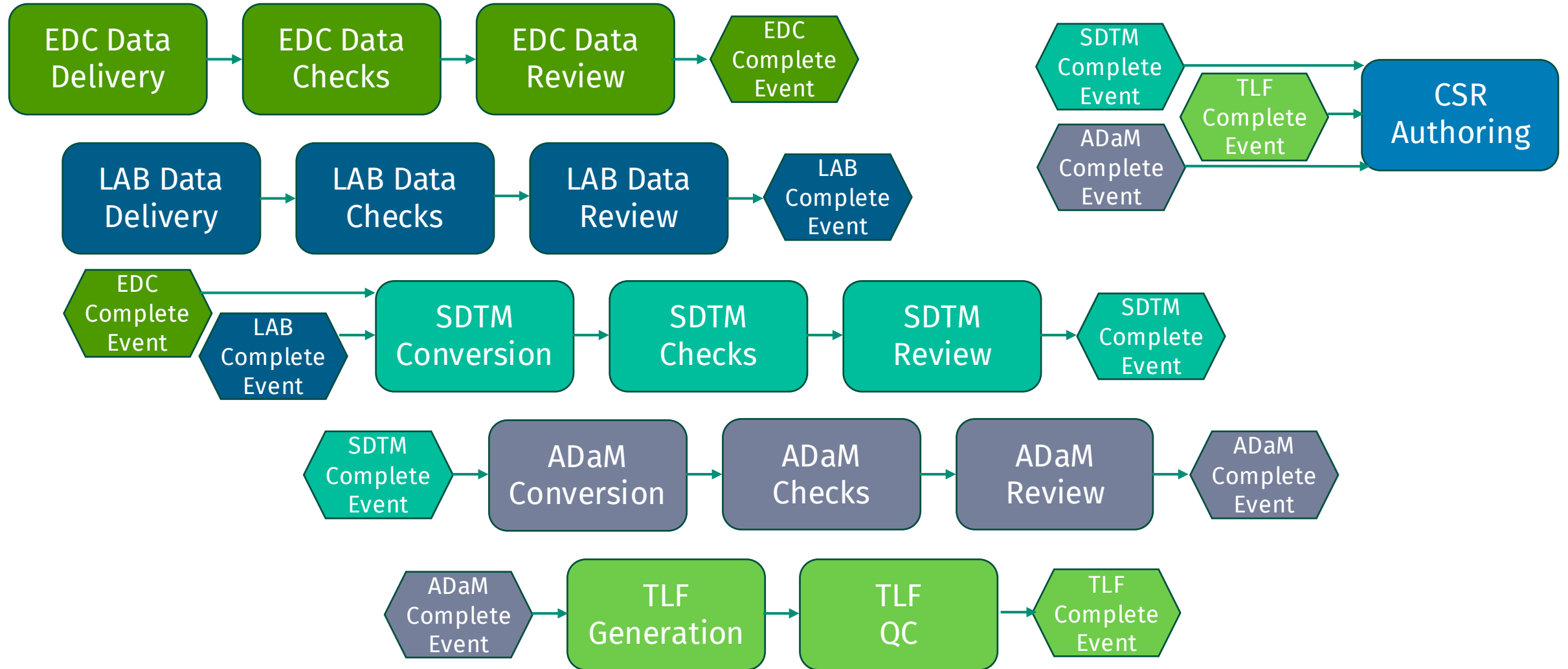
Re-runs
(re-packaging)

Backpressure
(delaying delivery)

Delays
(push notifications)

Communication
(push notifications)

Automation with Business Events



Comparison

Before



Waiting for what?

Manual coordination

Pipeline babysitting

Painful re-runs

Unclear accountability

After



Reactive automation

Parallel progress

Clear ownership

Context-aware runs

Audit-ready
accountability

Conclusion

Pipelines automate tasks.

Business events automate collaboration.

And clinical trial analysis and reporting is highly collaborative.

Thank you! Questions?



Marc Jantke

CEO | mja@entimo.de

<https://www.linkedin.com/in/marc-jantke-006673134/>



Thank you