ADASTRA

D365 Integrations Framework Solution

D365 Integrations Framework Assessment / Pilot

Task	W1	W2	W3	W4	W5	W6
D365 Integrations Assessment	→	→	→	→		
D365 Integrations Foundation / Pilot			→	→	→	→

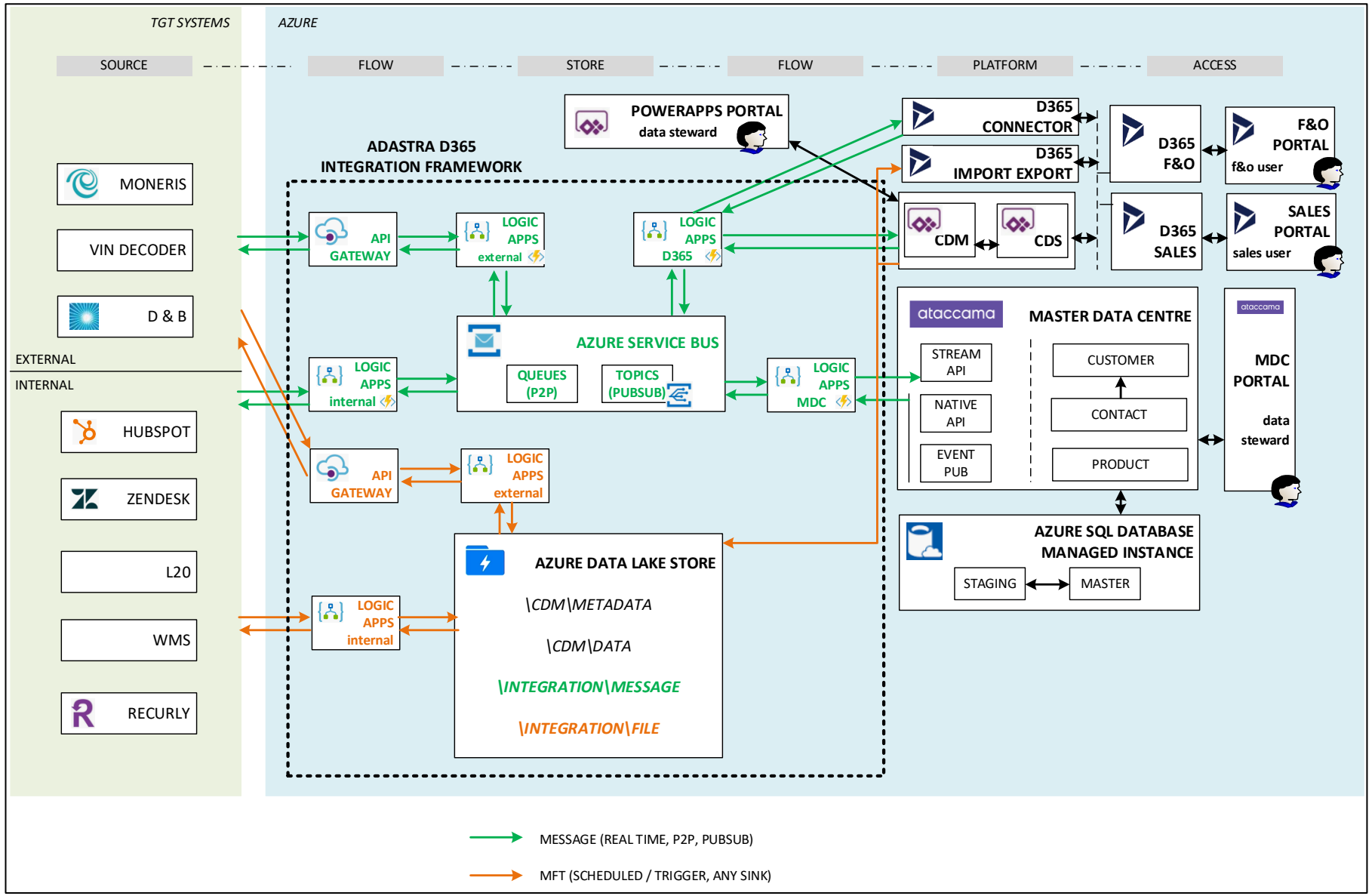
- 1 x D365 Integrations Architect
- 1 x D365 Integrations Developer

- **Cost: $50k**

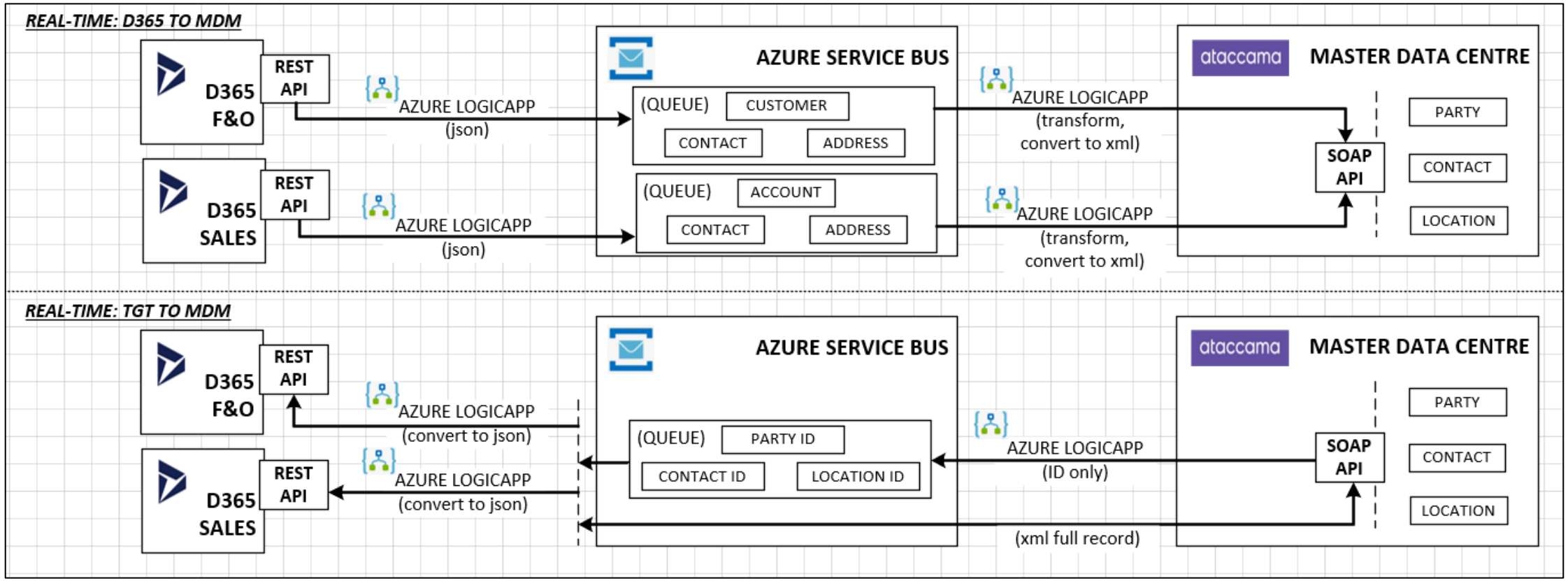
D365 integrations are critical to successful D365 rollout. For example, D365 CE new customer integrations with MDM, Marketing, and Customer Support platforms. Or D365 F&O integrations with 3rd party payment processing platforms for customer payments. Facilitating real time event integrations through a guaranteed message delivery platform is critical to operations. Adastra's D365 Integrations Framework accelerates these goals, thru an Azure iPaaS platform.

- Framework Benefits:
  - Accelerate implementation thru Adastra's integration playbook and logic framework
  - Support both real time event (P2P, PUBSUB) and scheduled file integration patterns
  - Cover A2A, B2B, EDI, MFT, and ANALYTICS use cases
  - Cover guaranteed message deliver, retry, and exception handling requirements
  - Robust administration thru "single pane of glass" monitoring and alerting
- Through this offer, Adastra will:
  - Define backlog for value chain / integration events
  - Design targeted service, network, and security architecture
  - Define roadmap and size / price Azure, Implementation, and Support costs
  - Identify team roles, skills assessment, skilling plan, and ownership transition plan
  - Implement framework foundation and build one integration pilot from backlog

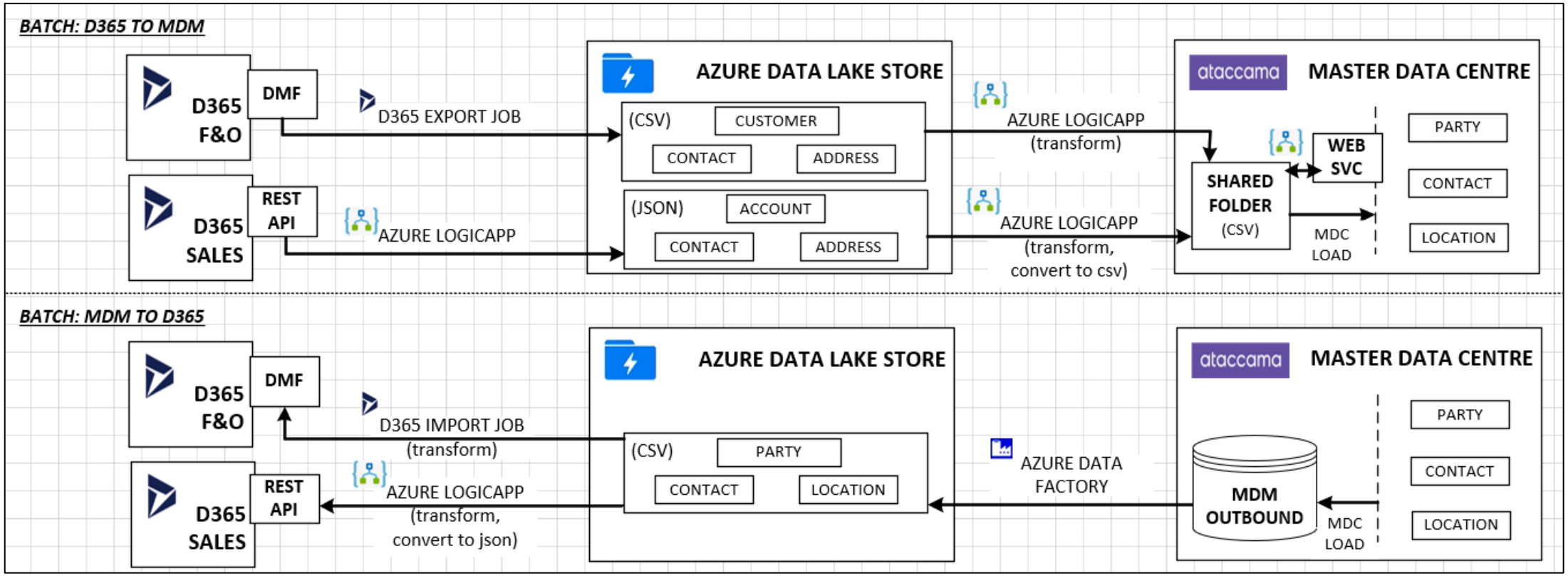
Example Architecture



Example Pattern: D365 to MDM EVENT

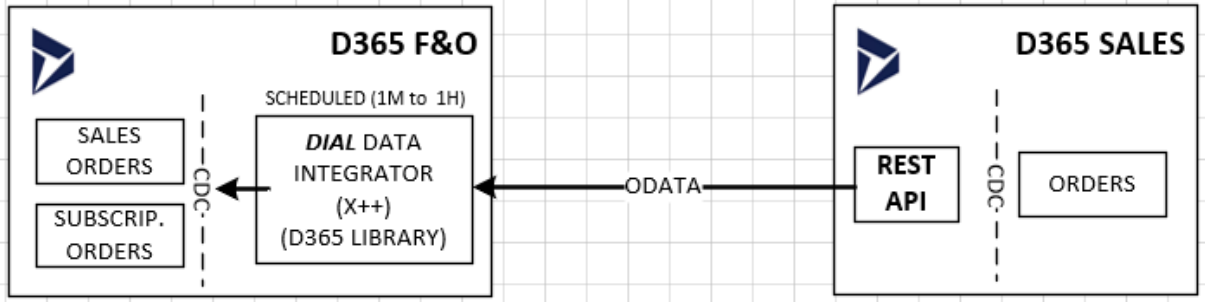


Example Pattern: D365 to MDM MFT



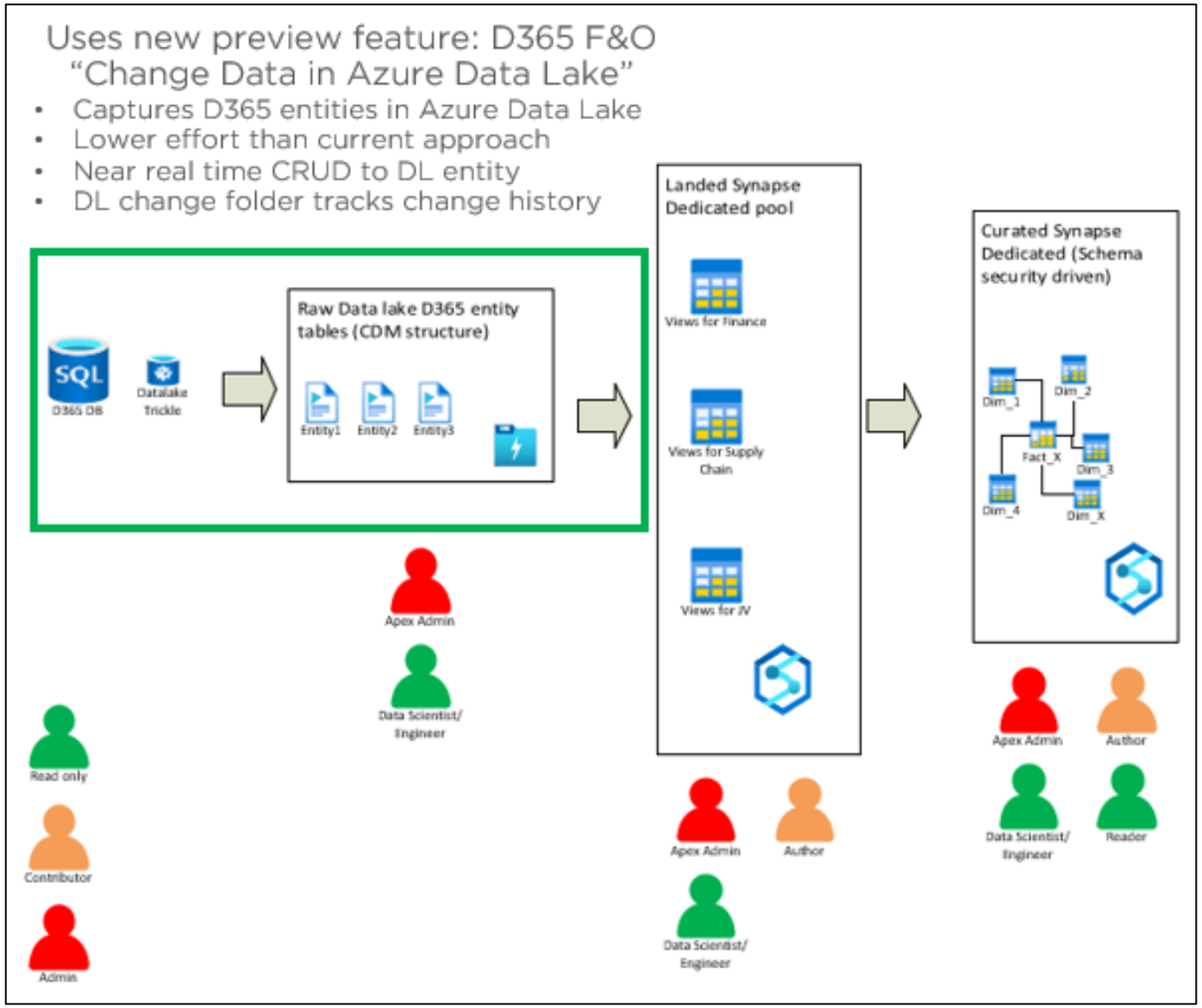
Example Pattern: D365 SALES to D365 F&O

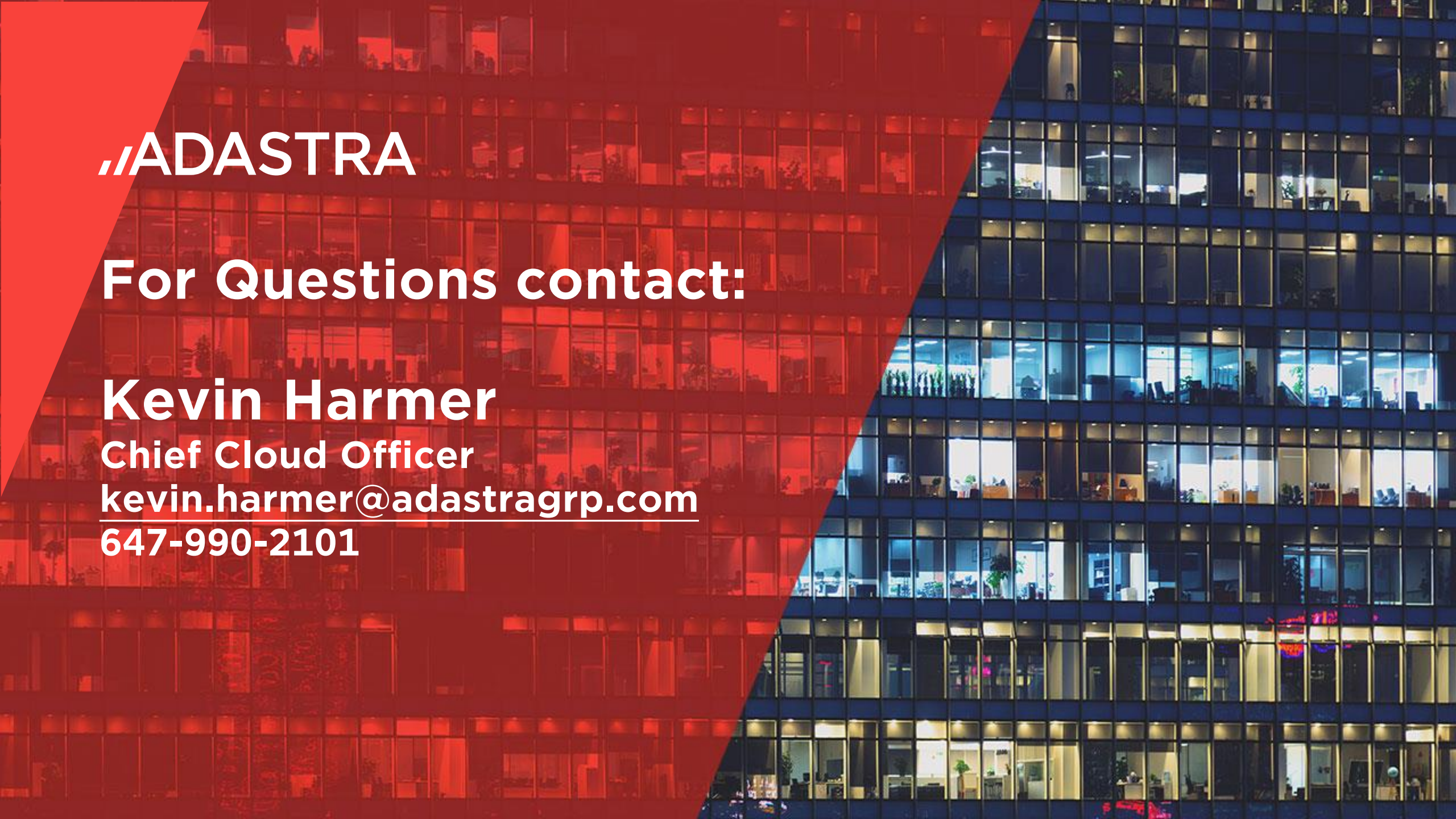
REAL-TIME: D365 SALES TO D365 F&O



- DIAL Data Integrator is a custom D365 F&O / SALES integration library
- Developed in X++, and deployed as a registered library in D365 F&O
- Executed via batch scheduler in D365 F&O
- DIRECT integration with D365 F&O entities (as library is in platform)
- REST API integration with D365 SALES entities
- Uses D365 native CDC capability, to identify changes
- At Fleet (W1), used to pull Order events, from D365 SALES to D365 F&O
- While CDS Data Integrator “could" also sync D365 data, DIAL Data Integrator is faster (>15X), supports bi-directional sync, and can include non-template entities / fields more easily

Example Pattern: D365 F&O Data Lake Feed





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