

2110-WAN Activity group update

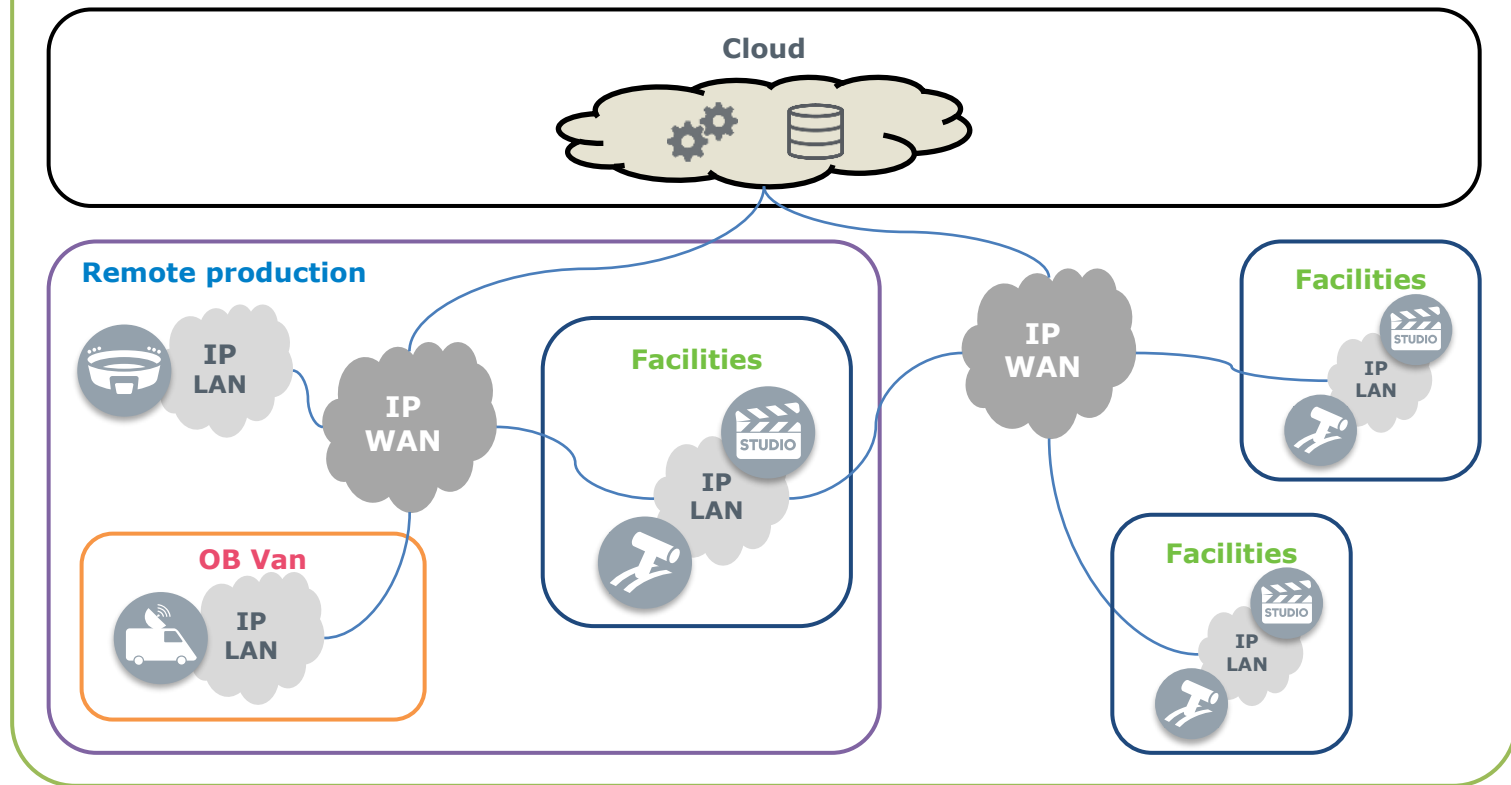
March 2021

Andy Rayner, Chief Technologist, Nevion

arayner@nevision.com

+44 7711 196609

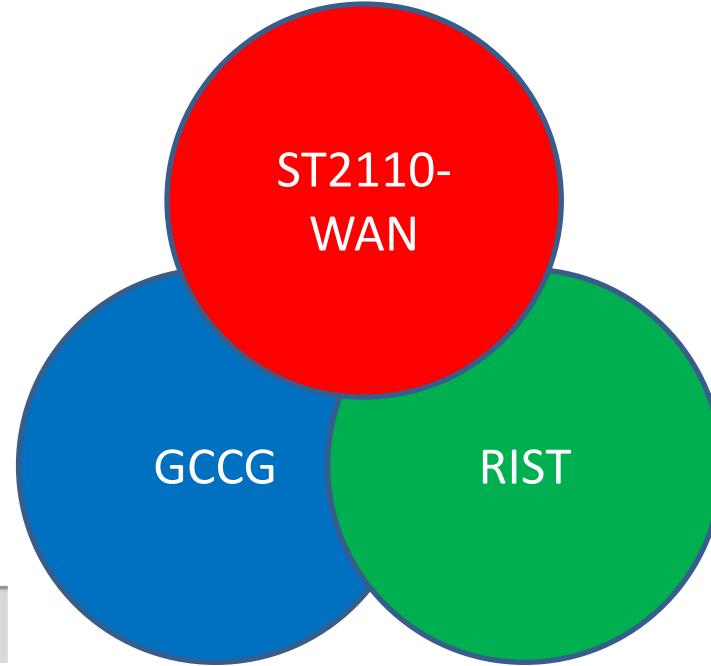
Distributed production



Maturing standards



Activity Group synergy



2110 → WAN

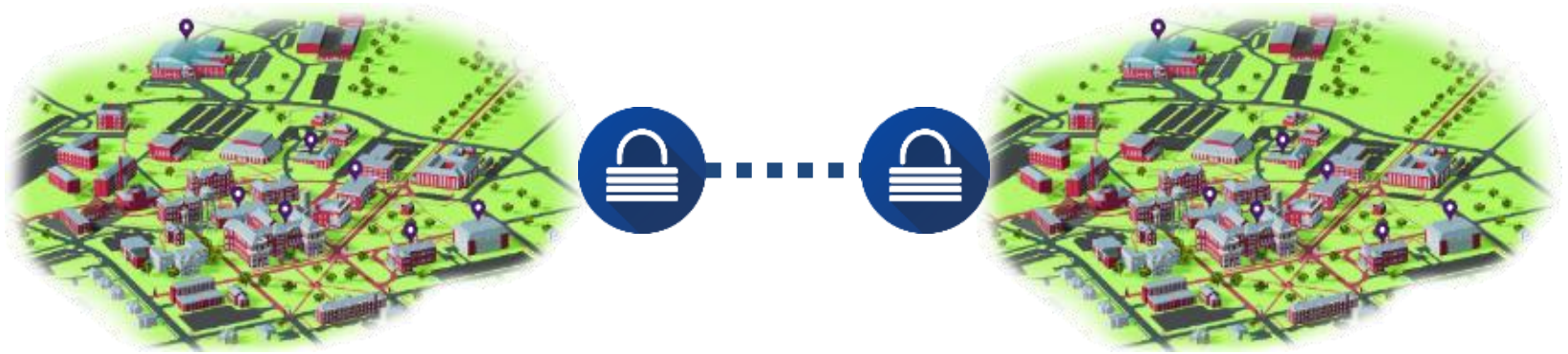
Ground – Cloud – Cloud - Ground



ST 2110-WAN



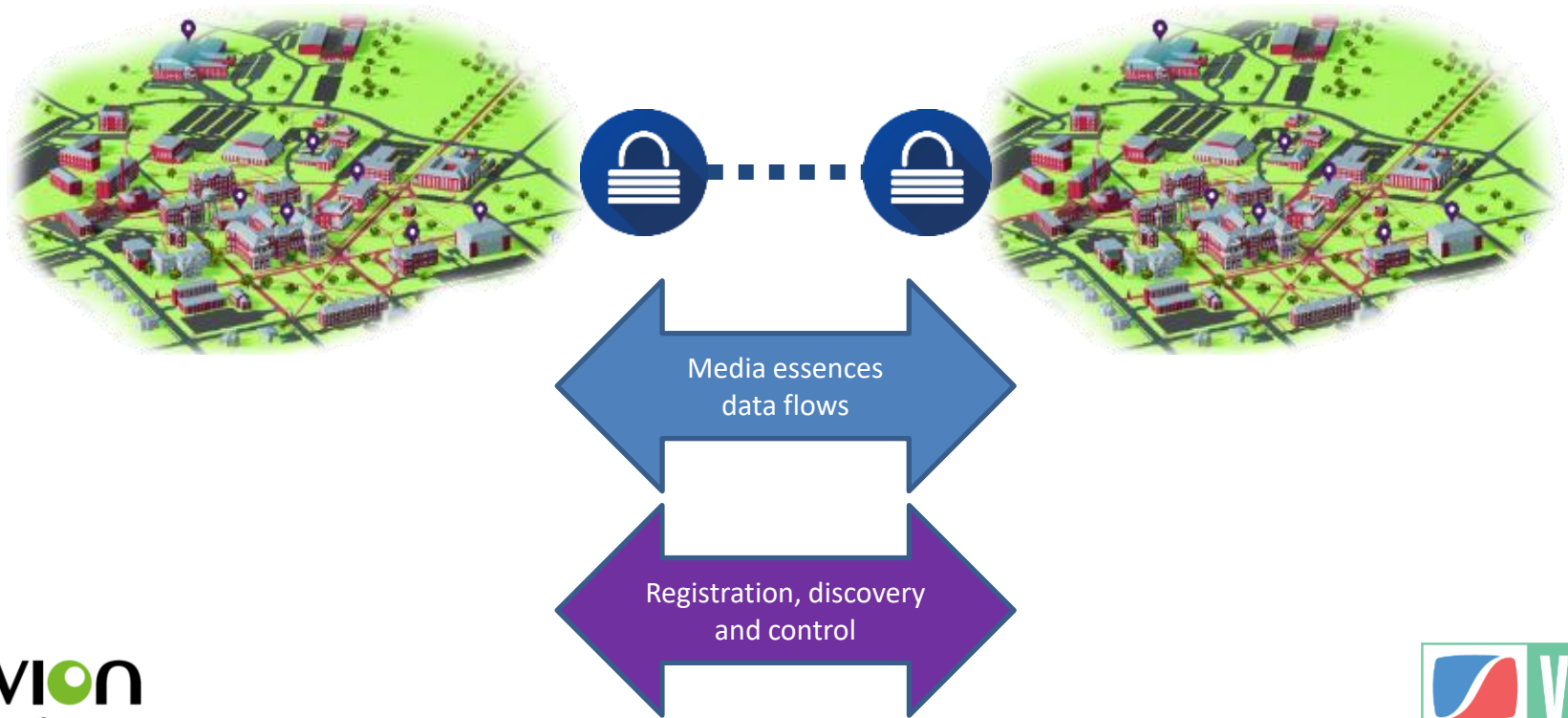
Distributed production



Key user scenarios:

- Event remote production connectivity
- Intra-company facilities connectivity
- Inter-company facilities connectivity

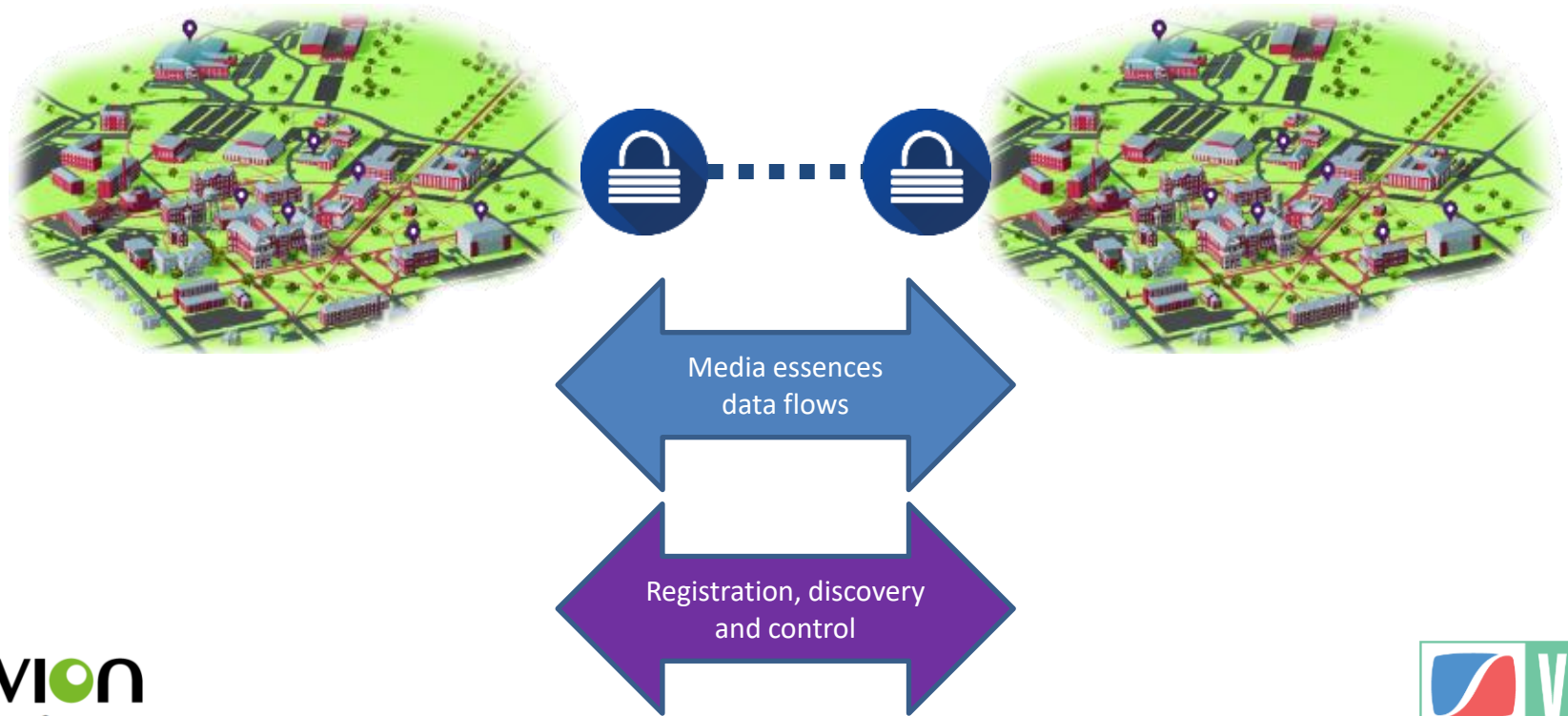
THE DATA PLANE



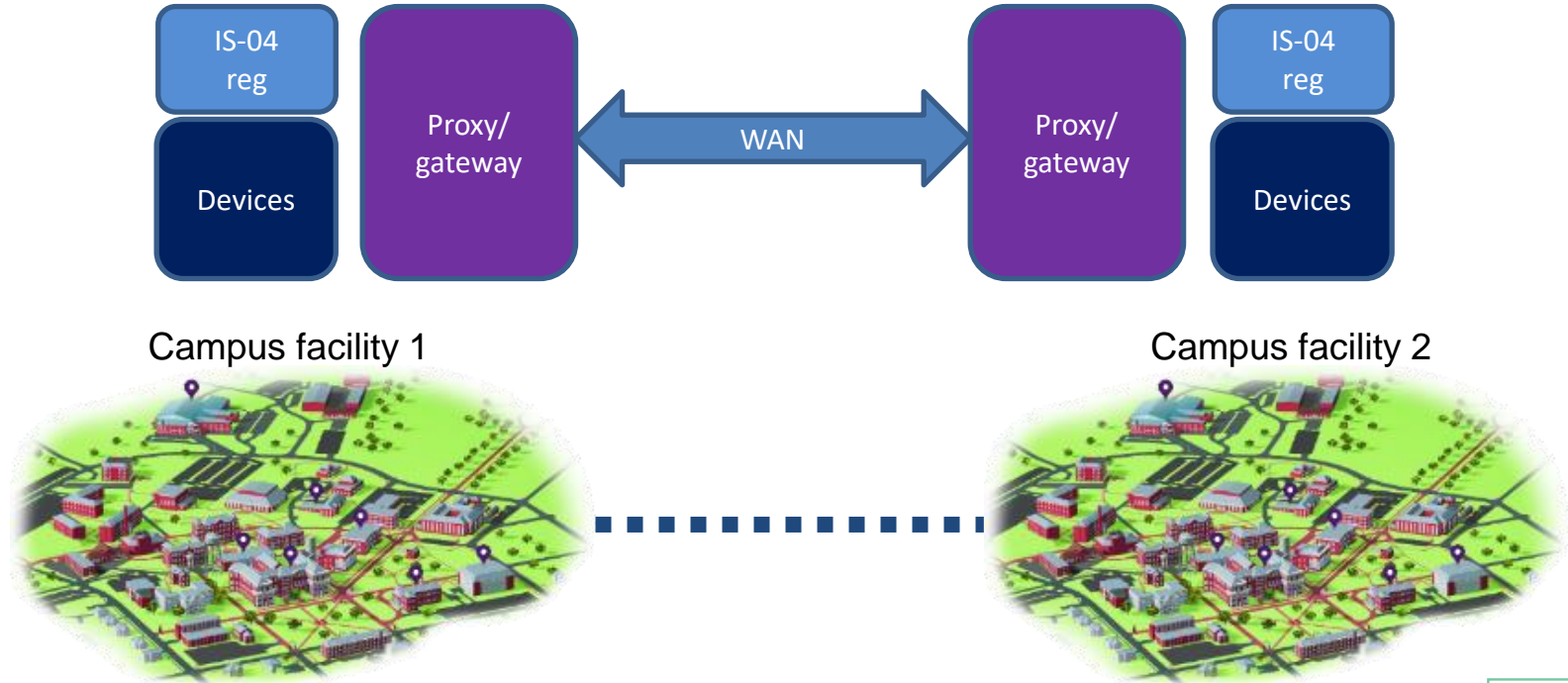
Data plane draft TR09-01

- Essence/trunk flow protection
 - FEC – ST2022-5 constrained LxD ≤ 100 , 1D column-only
 - RTP merge ST2022-7
- Trunking
 - Trunking format - GRE over RTP
 - Trunking protection – FEC & RTP merge as defined above
- Essence alignment definition at boundaries
- Compression recommendations
- Other data protection
- Comments on MTU
- Comments on integrity analysis at boundaries

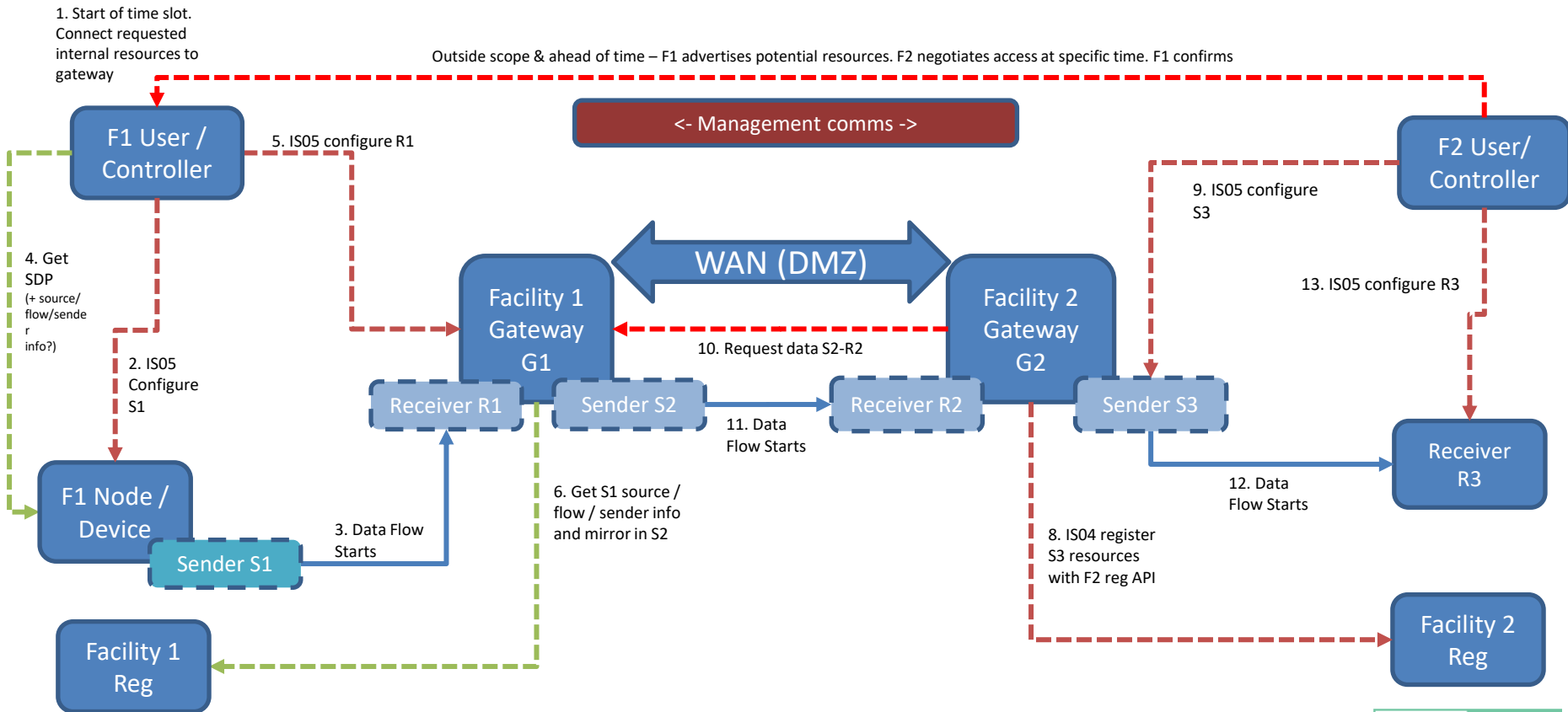
THE CONTROL PLANE



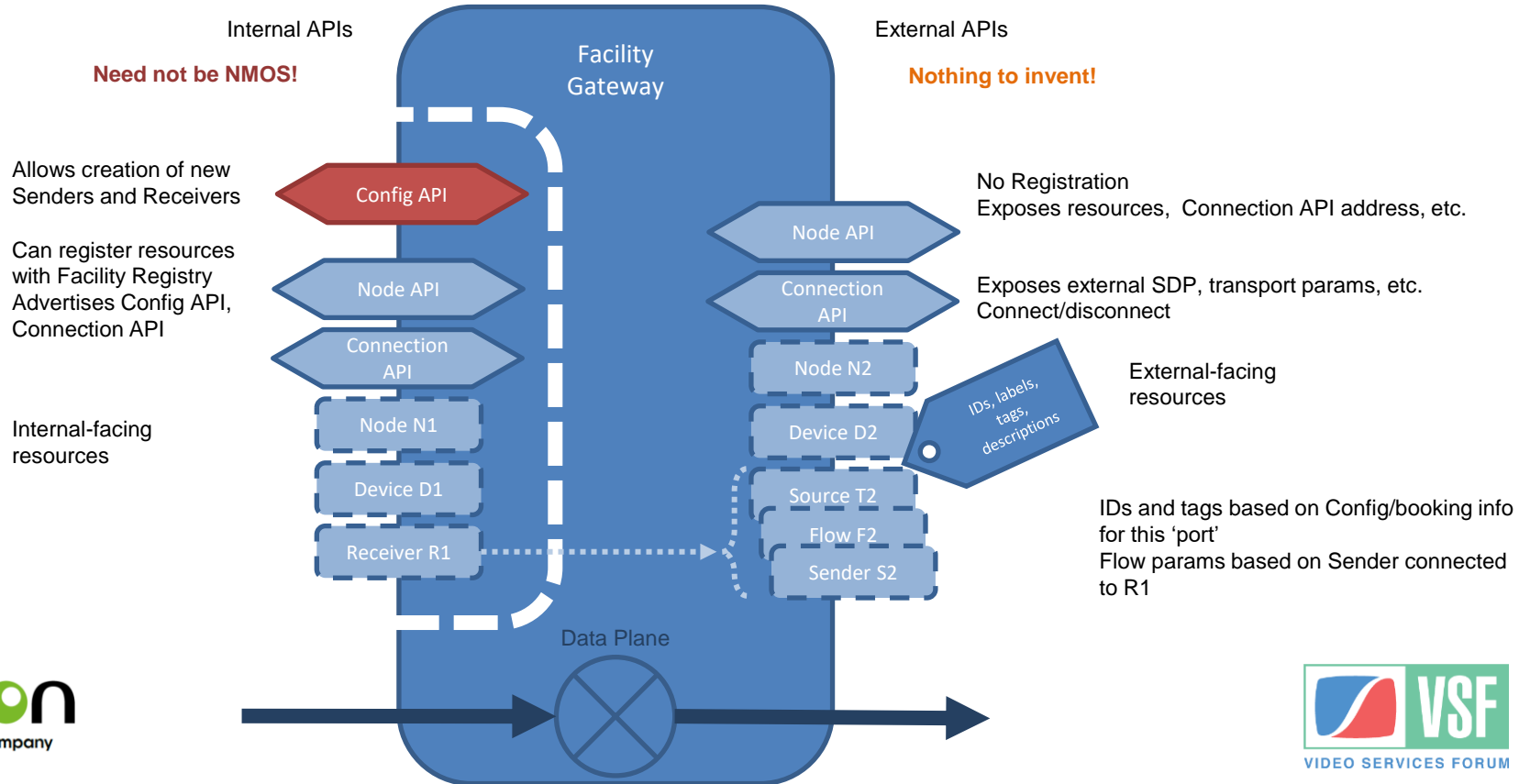
THE CONTROL BIT: discovery/registration/control transport proxy



Inter-facility resource sharing – concept – Autumn 2020



Inter-facility resource sharing – using NMOS



40 meetings later...



Thank you!

Andy Rayner Chief Technologist

arayner@nevion.com +44 7711 196609

