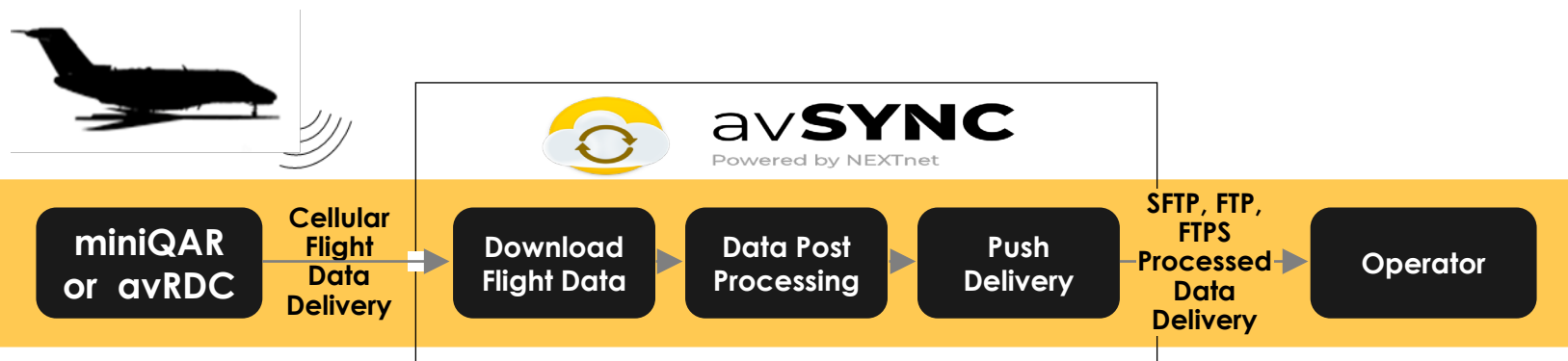


avSYNC - Immediate Automated Data Synchronization Service

avSYNC Enabled Product

Avionica has spent 30+ years improving aviation safety and efficiency with its miniQAR, Onboard Network Server (ONS), Remote Data Concentrator (RDC), 4G LTE, Wi-Fi, Iridium SATCOM and avSYNC service that automatically downloads flight data to a land-based server.



All Avionica products are enhanced with avSYNC connectivity

avSYNC

- is a cloud-based service
- avSYNC connectivity supports Cellular, Ku/Ka, ATG and ACARS
- allows for remotely managed product, download and upload data

avSYNC benefits

- Simple - Get robust and reliable data within 15 mins of landing
- Reliable - Data transfer ~ 99.8%
- Secure - Uses MS Azure's Security and Scalability
- End to End solutions – Hardware with avSYNC and avSARA (FDM Software)

Prices and discounts subject to change without notice

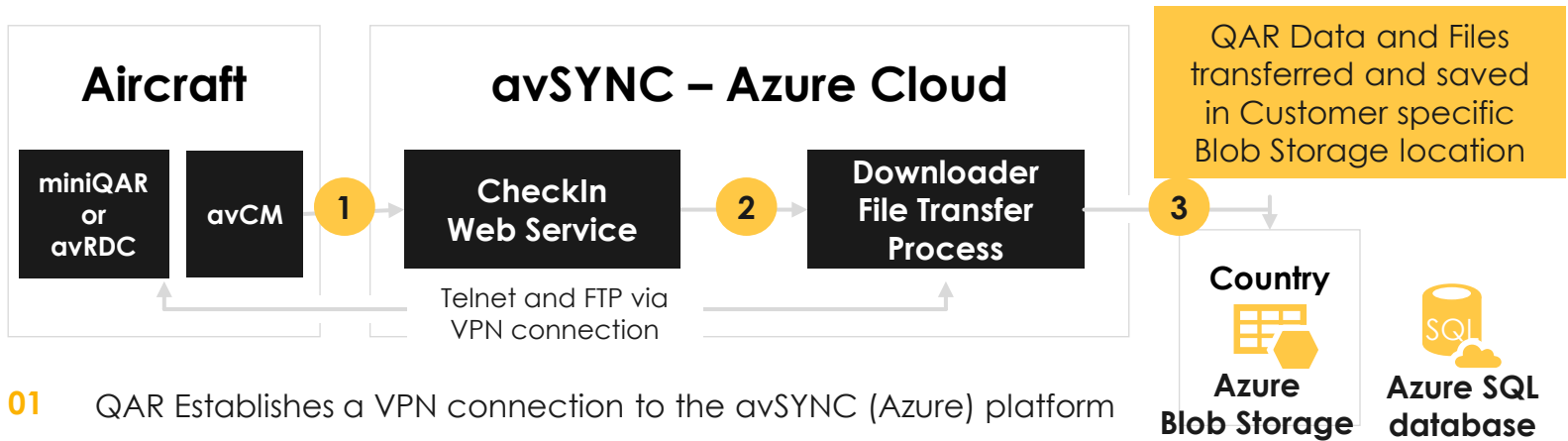
Contact Avionica
 ✉ sales@avionica.com

☎ 786-544-1100

Avionica, LLC,
 9941 West Jessamine Street Miami, Florida 33157 USA

Minimum Local System Requirements - MS Azure Security and Scalability

avSYNC Data Transfer Process



- 01 QAR Establishes a VPN connection to the avSYNC (Azure) platform
- 02 QAR Performs a Check-In (Hello I am here). Check-In sent to Orchestrator (Workflow processor)
- 03 Orchestrator tells specific Downloader for device type to transfer files
- 04 Downloader connects and transfers files to/from the Customer specific Blob storage

***All services sending ancillary information to and from the SQL Database.*

In Country Data: Blob storage is isolated and can be geo-specific to the customer

Scalable Performance

Always Compatible

Predictable Pricing



Confidentiality

Information accessed by authorized personnel



Integrity

Information not modified illegitimately



Availability

Information accessed when needed

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Reseller Contact

Contact Avionica
sales@avionica.com

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Minimum Local System Requirements – Custom Dashboard & Alerts

Flight data delivery

avSYNC (Azure)

4 Data retrieved from customer Blob storage

Blob storage

Customer specific workflows applied, e.g.

Workflows

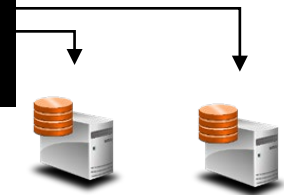
- Combine A717 and A429 files into single A717 file
- Generate custom ACMS file
- Push A717 file to FOQA destination system
- Push ACMS file to Diagnostic system

Push delivery via

- SFTP
- SFTP-Cert
- FTPS
- FTP

Pull deliver available

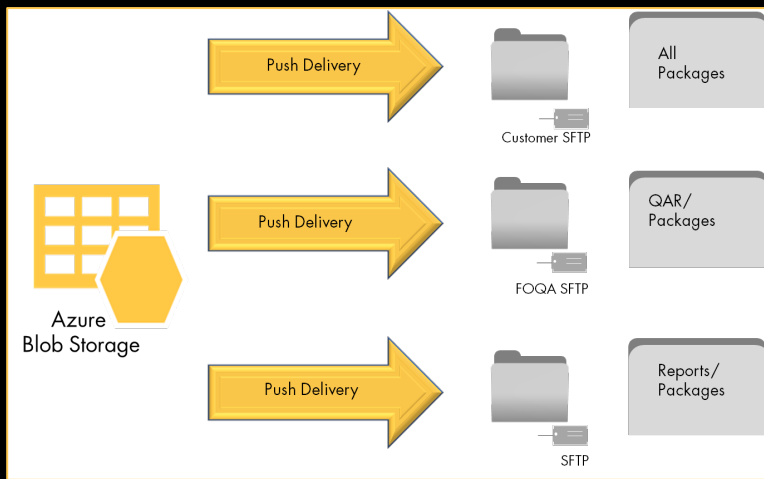
- LDAP integration



Customer identified destination systems

Data Delivery Logic – Push Delivery

Benefits



Multiple Push Delivery Capabilities:

- > Data can be delivered via SFTP, SFTP-Cert, FTPS, and FTP
- > Data can be sent to a single location or multiple locations at the same time
- > Different data types can be sent to different locations

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avSYNC software with cellular coverage available Globally

Zone 1 Countries

Argentina	Croatia	Germany	Kuwait	Poland	Sweden
Australia	Cyprus	Gibraltar	Latvia	Portugal	Switzerland
Austria	Czech Republic	Greece	Liechtenstein	Puerto Rico	Thailand
Belgium	Denmark	Guatemala	Lithuania	Romania	Turkey
Bolivia	Dominican Republic	Honduras	Luxembourg	Russia	U.S. Virgin Islands
Brazil	Ecuador	Hungary	Malta	Reunion	Ukraine
Bulgaria	El Salvador	Iceland	Montenegro	Serbia	United Kingdom
Canada	Estonia	Ireland	Netherlands	Singapore	United States
Chile	Faroe Islands	Isle of Man	New Zealand	Slovakia	Uruguay
China	Finland	Italy	Norway	Slovenia	
Colombia	France	Japan	Paraguay	Spain	

Zone 2 Countries

Afghanistan	Costa Rica	Indonesia	Mexico	Saint Kitts and Nevis
Anguilla	French Guiana	Israel	Moldova	Saint Lucia
Antigua and Barbuda	Georgia	Jamaica	Montserrat	Saint Martin
Azerbaijan	Greenland	Jordan	Nicaragua	Saint Vincent / Grenadines
Bahamas	Grenada	Kazakhstan	Pakistan	South Korea
Bahrain	Guadeloupe	Kiribati	Palestine	Sri Lanka
Bermuda	Guam	Macau	Panama	Taiwan
Bosnia and Herzegovina	Guyana	Malaysia	Peru	Trinidad and Tobago
British Virgin Islands	Hong Kong	Martinique	Philippines	Turks and Caicos Islands
Cayman Islands	India	Mayotte	Saint Barthelemy	Vietnam

Zone 3 Countries

Albania	Barbados	Chad	Haiti	Nauru	Tanzania
Algeria	Belarus	Egypt	Iraq	Nigeria	Tunisia
Armenia	Belize	Fiji	Kyrgyzstan	Oman	Venezuela
Aruba	Botswana	French Polynesia	Malawi	South Africa	
Bangladesh	Cambodia	Ghana	Morocco	Suriname	

Zone 4 Countries

Andorra	Cote d'Ivoire	Kenya	Namibia	Sint Maarten	Yemen
Bonaire, Sint Eustatius, & Saba	Gabon	Liberia	Niger	Tajikistan	Zambia
Burkina Faso	Guernsey	Macedonia, FYR	Qatar	Uganda	
Cameroon	Guinea	Mali	Rwanda	United Arab Emirates	
Congo	Guinea-Bissau	Mongolia	Samoa	Uzbekistan	
Curacao	Jersey	Myanmar	Saudi Arabia	Vanuatu	

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