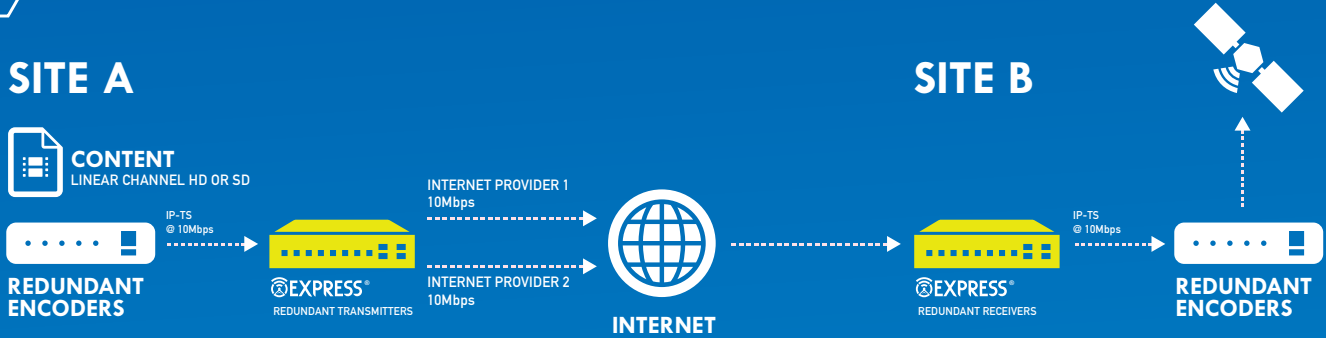


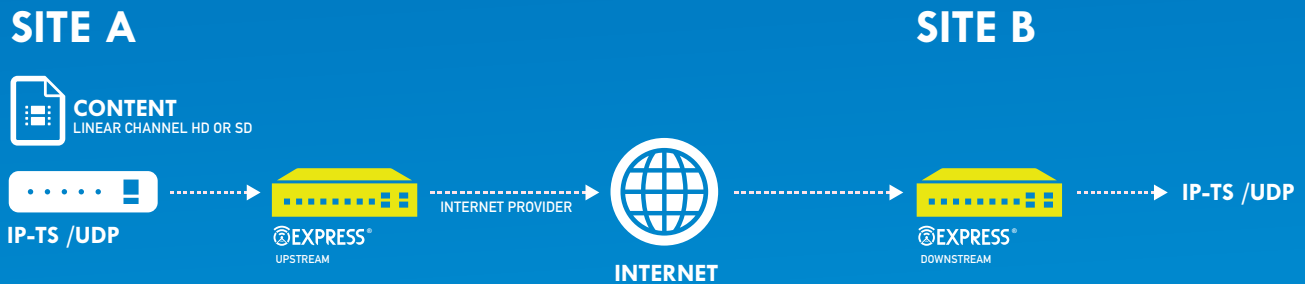
1

USE CASE BACKHAUL TRANSPORT TO THE SATELLITE UPLINK FACILITY



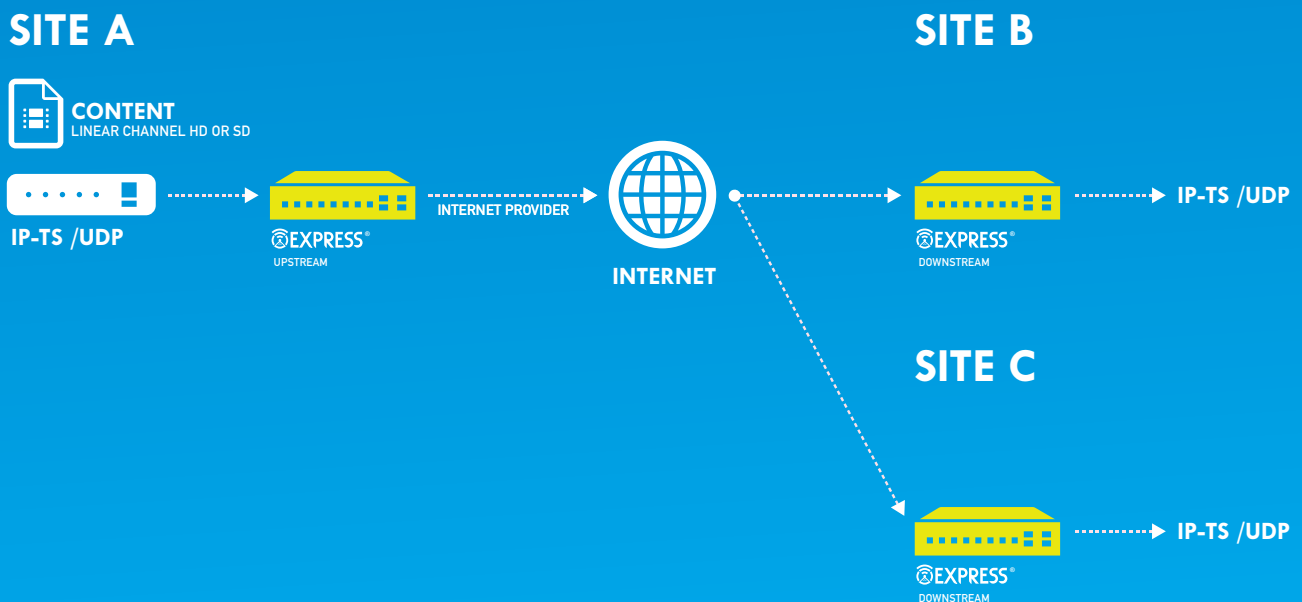
2

USE CASE SINGLE NO REDUNDANT POINT TO POINT TRANSPORT



3

USE CASE SINGLE NO REDUNDANT POINT TO MULTI POINT TRANSPORT



4

USE CASE SINGLE NO REDUNDANT MULTI POINT TO POINT TRANSPORT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER

5

USE CASE SINGLE NO REDUNDANCY MULTI POINT TO MULTI POINT TRANSPORT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER

SITE D



IP-TS /UDP

6

USE CASE SINGLE HIGH AVAILABILITY REDUNDANCY POINT TO POINT TRANSPORT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP

EXPRESS®
HA UPSTREAM

INTERNET PROVIDER



INTERNET

SITE B

EXPRESS®
HA DOWNSTREAM

IP-TS /UDP

7

USE CASE SINGLE HIGH AVAILABILITY REDUNDANCY POINT TO MULTI POINT TRANSPORT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP

EXPRESS®
HA UPSTREAM

INTERNET PROVIDER



INTERNET

SITE B

EXPRESS®
HA DOWNSTREAM

IP-TS /UDP

SITE C

EXPRESS®
HA DOWNSTREAM

IP-TS /UDP

8 USE CASE SINGLE HIGH AVAILABILITY REDUNDANCY MULTI POINT TO POINT TRANSPORT

SITE A



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B



INTERNET PROVIDER

9 USE CASE SINGLE HIGH AVAILABILITY REDUNDANCY MULTI POINT TO MULTI POINT TRANSPORT

SITE A



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B



INTERNET PROVIDER

SITE D



IP-TS /UDP

10

USE CASE SINGLE NO REDUNDANCY POINT TO POINT TO POINT TRANSPORT

SITE A



INTERNET PROVIDER



INTERNET

SITE B

SITE C



IP-TS /UDP

IP-TS /UDP

11

USE CASE SINGLE HIGH AVAILABILITY REDUNDANCY POINT TO POINT TO POINT TRANSPORT

SITE A



INTERNET PROVIDER



INTERNET

SITE B

SITE C



IP-TS /UDP

IP-TS /UDP

12

USE CASE SINGLE POINT, HIGH AVAILABILITY REDUNDANCY POINT TO HIGH AVAILABILITY POINT TO HIGH AVAILABILITY POINT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER

SITE D



IP-TS /UDP

13

USE CASE SINGLE POINT, HIGH AVAILABILITY REDUNDANCY POINT TO HIGH AVAILABILITY POINT TO HIGH AVAILABILITY POINT TRANSPORT TO SINGLE POINT

SITE A

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER



INTERNET

SITE C



IP-TS /UDP

SITE B

CONTENT
LINEAR CHANNEL HD OR SD

IP-TS /UDP



INTERNET PROVIDER

SITE D



IP-TS /UDP