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, Station and NDC Infrastructure Resilience Optimisation

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Since the migration to GCI – III it has been observed that there are multiple instances of failure of data transmission when there is an operational GCI-link. Elements for significant consideration in the analysis phase examined why, when the GCI link is available, data transmission stops but subsequently backfills indicating that there is some element in the overall data path that is temporarily failing. Ensure that the GCI equipment is connected to the appropriate power source at the stations. As the backup GCI-link has a lower overall consumption than the primary it may be appropriate to connect it to the data acquisition same power source if it, in conjunction with the reliability of the recharging capability is considered to have sufficient capacity that data acquisition is not put at risk. Due to complexities in the data acquisition path, particularly when the station is run by, in effect a separate entity there is a firewall or other network elements between the actual acquisition equipment and the PTS SSI machine, understanding the actual full data flows and improving automated monitoring and alerting could improve data availability.

Promotional text

Use on Network Monitoring Data to analyse and rectify configuration issue, improve availability and predict potential issues to be rectified by preventative action leading to increased data availability.

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