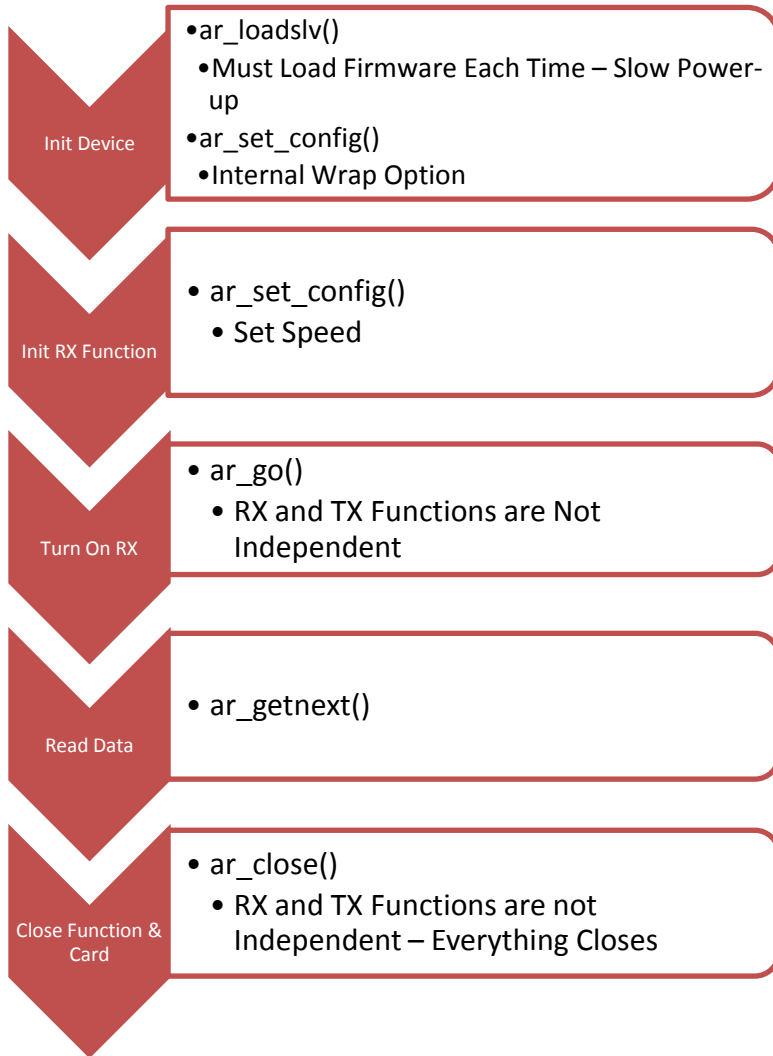


Top-Level Review for Porting GE Fanuc/Condor ARINC Programs to Alta Data Technologies

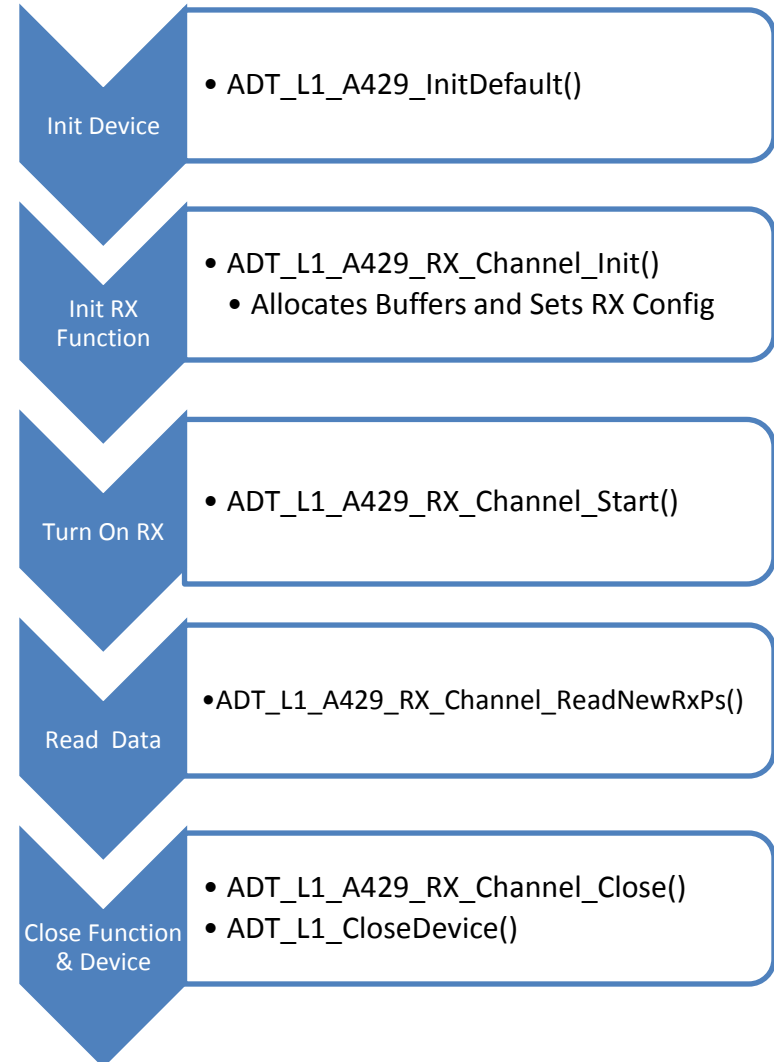
(Please note: GE Fanuc/Condor Function Call Names are Copyright GE Fanuc Intelligent Platforms;
Alta Function Call Names are Copyright Alta Data Technologies LLC)

Typical ARINC RX Applications

Condor API Functions



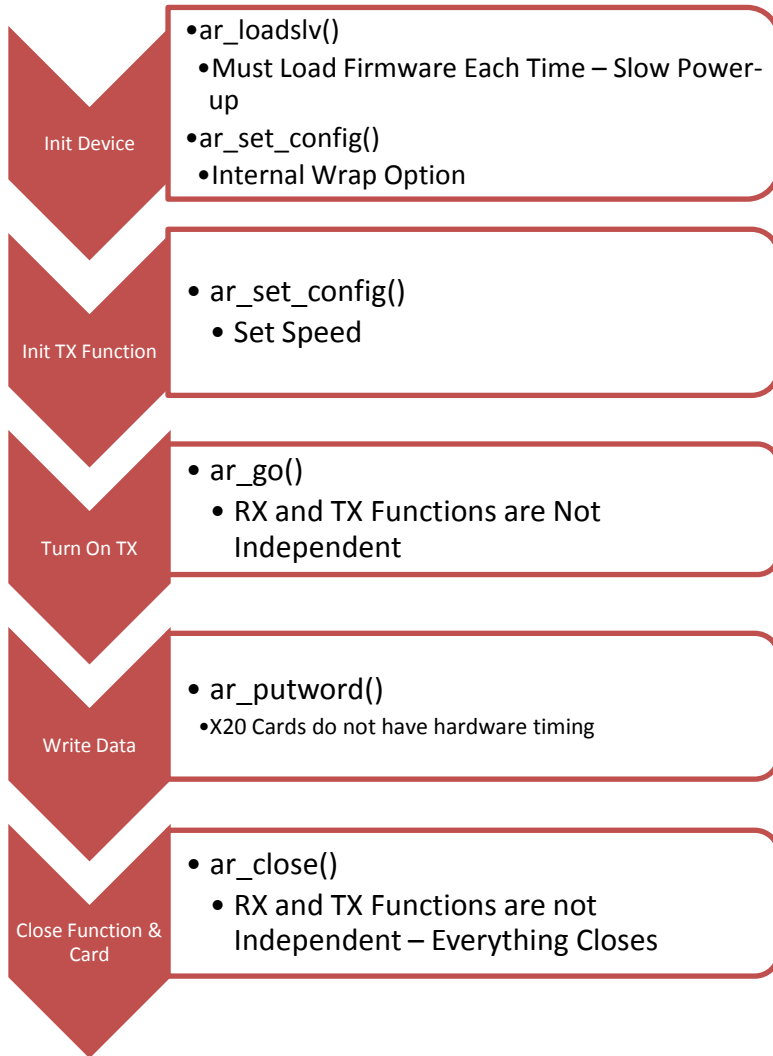
Alta API Functions



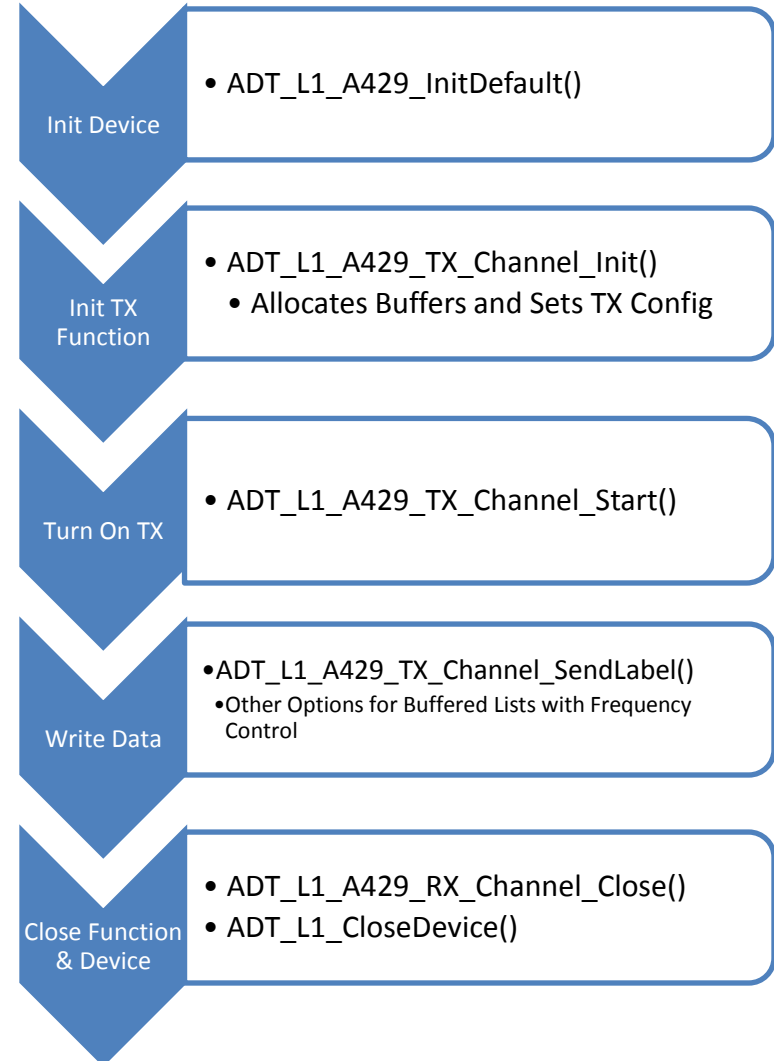
Alta Functions are Well Designed for Embedded and Test Applications

Typical ARINC TX Applications

Condor API Functions



Alta API Functions



Alta Functions are Well Designed for Embedded and Test Applications

Alta API Highlights

- **Alta API Provides Logical, Well Designed Functions. This Should Simplify Porting of Applications and Provide for Better Long Term. Condor functions are “primitive” at best.**
 - Condor x20 Cards Do Not Provide Interrupts or Hardware Frequency Timing – Alta Has Both
- **In Most Cases, Alta Requires Fewer Steps to Execute the Same Task. This will Simplify Code Logic and Management. Code Porting Time Should Only Be 1-2 Days for Most Tasks.**
- **Alta Provides Memory Management Functions. Memory Can Allocated/Freed as Needed.**
 - Condor Does not Provide Advanced Memory Management
- **Alta Allows for Independent Channel Devices and Channel Bank/Devices to Support Multi Applications**
 - Condor Treats ALL Channels and Boards as One Device, Which Can Greatly Complicate Multi Channel Applications
- **Alta’s API is a Modular, Multi-Layer API That Can Easily Port to Various Operating Systems.**
 - Condor’s API is not multi-layer – Condor’s is old monolithic design with OS dependencies scattered through out code. Condor’s API is mainly written for Windows.
- **Alta Provides both ANSI C Level Functions for standard Windows, Linux and RTOS Applications and “Managed” Assemblies for advanced Windows C++/C# Compatible Applications. This greatly reduces integration time for C#, LabVIEW and other advanced software tool sets.**