

## Front-end Group - Idea #18133

### Develop an IndustryPack framework

11/07/2017 09:29 AM - Richard Neswold

<b>Status:</b>	New	<b>Start date:</b>	11/07/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>I'm proposing our group develop an official C++ framework for IndustryPacks under VxWorks. It should do the following:</p> <ul style="list-style-type: none"><li>• Completely hide which hardware carrier is being used. Whether the library contains support for all carriers or if the user has load a driver for one carrier, the API to register IndustryPack driver should be the same.</li><li>• When a driver registers itself (using a vendor/product ID), the IndustryPack driver will scan all slots for the hardware and instantiate instances.</li><li>• The IndustryPack driver will have an API to set up interrupt handlers.</li></ul> <p>Please add further features you'd like to see.</p>			