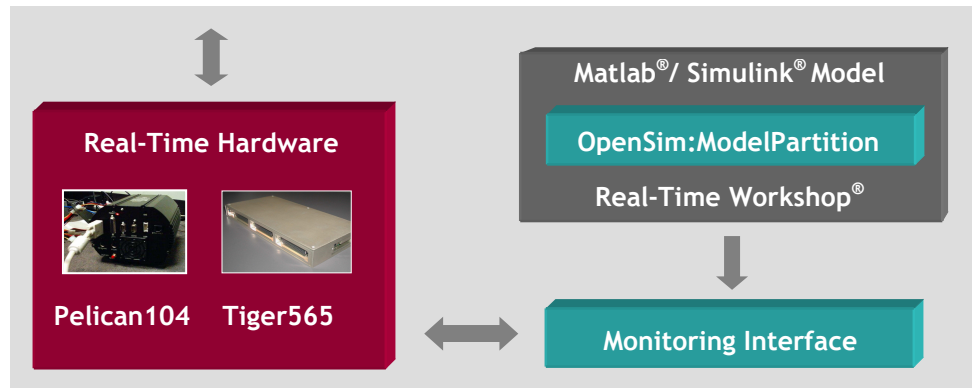


# RapidNetPro 1.1

TOOL-CHAIN FOR RAPID PROTOTYPING OF DISTRIBUTED EMBEDDED SYSTEMS



System



Prototyping environment for distributed embedded systems

Development System	Key Features
<ul style="list-style-type: none"><li>• Matlab/Simulink®</li><li>• RapidNetPro 1.1</li></ul>	<ul style="list-style-type: none"><li>• Automatically distribute a Simulink® model to multiple real-time targets</li><li>• Integrates Simulink® block and parameter information with monitoring interface</li><li>• Provides a single interface to monitor and calibrate the distributed system without additional set up</li><li>• Data logging for all targets through the monitoring interface</li><li>• Prepare custom layouts for data monitoring</li></ul>

## Abstract

In this talk we will demonstrate Pathway's **RapidNetPro 1.1** system. **RapidNetPro 1.1** is a cost-effective, high-performance, flexible environment for prototyping of distributed embedded systems which have become ubiquitous in the automotive, aerospace, and process industries. **RapidNetPro 1.1** allows you to automate the distribution of your model from one Simulink® diagram to multiple real-time targets without having to write any code. **RapidNetPro 1.1** sets up the communication between the target, gives you full control of parameters and allows you to monitor signals from all components of your distributed model from a single user interface.

Pathway has a wide range of software tools and standard hardware components from PC-based real-time target systems to Powerpc based Electronic Control Units (ECUs) for the control engineer to choose from and design his own prototyping environment according to his specific needs. The **RapidNetPro 1.1** development environment can also be used for Hardware-in-the-loop applications.



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