



Magnys “Plan For Every Part (PFEP)” Helping General Motors Optimize Supply Chain Efficiency

Supply chain management is a critical success factor for automakers and their suppliers that deliver integrated systems to assembly facilities. Tracking the validation status of the hundreds of new parts that may be involved in a new launch can be time consuming and expensive for automakers and integrators.

Magnys worked with General Motors to develop and manage a database that captures and stores component information from multiple sources in an integrated database.

The *Plan For Every Part (PFEP)* program provides GM with instant access to up-to-date information on every part that feeds into 26 manufacturing facilities –from a component’s dimensions and manufacturing source, to how and where it ships, as well as all relevant supplier contact information. Moreover, we accomplished this with the kind of efficiency for which Magnys is known, using fewer people in *PFEP* than GM had historically required, allowing them to redeploy internal resources.

Another important feature of *PFEP* is the ability to track the status of parts validation.

This means *PFEP* allows GM to know at any time how many parts have been validated for a vehicle program, how many are in process and how many parts have not been contracted. With this information, GM can identify potential problems at a much earlier stage, eliminating the need to rush engineering teams to supplier plants around the world to validate components deeper into a launch schedule. The result is a streamlined planning process, which improves decision making.

In short, Magnys’ *PFEP* team is improving the quality of information for General Motors and doing it with substantial savings compared with what they have traditionally spent on these functions.