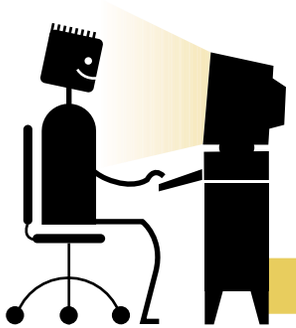
Supply Chain Watchdog

SCEM systems let users view their extended supply chain operations from a central point. SCEM applications extract data about users' warehouse-management, transportation and logistics, and inventory and execution systems for monitoring and simulation.



ALERT

SCEM SYSTEM

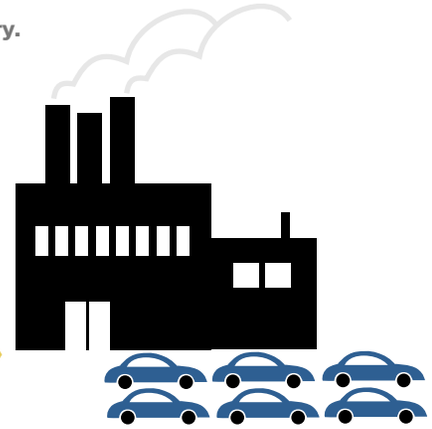
SUPPLY CHAIN EXECUTION

ALTERNATE SUPPLY WAREHOUSE

SUPPLY WAREHOUSE

20 CANS SHIPPED

80 CANS SHIPPED



1. An end user sends an order to a supplier for 100 cans of blue paint to be shipped to auto factory.
2. The order is processed on a system with an attached SCEM application.
3. The supply warehouse is short on paint; it can ship only 80 cans.
4. Supply transaction system sends a message that the order is 20 cans short.
5. The SCEM system is alerted and automatically orders 20 cans from an alternate supplier to fill the order.
6. The remaining 20 units are shipped to the factory.
7. The order is fulfilled.