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How Falkonry helped predict conveyor failures and avoid production losses

Unscheduled downtime → **Insufficient warning** → **Conveyors** → **Costly repair and downtime**

So, how to get more reliable warning of early failure?
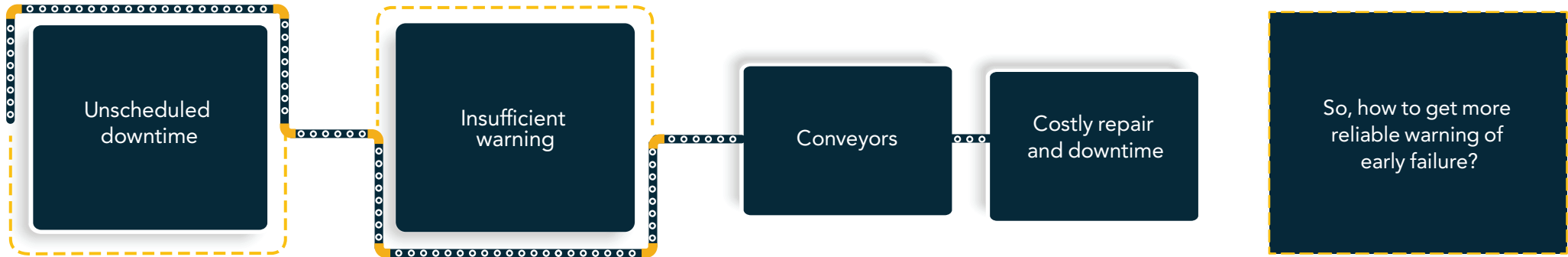
Food manufacturers operate in cycles which include scheduled periods for maintenance and equipment cleaning. Equipment failures during production hours can result in more than $1.1 million in production losses per year.

Condition monitoring using vibration, torque sensors or visual inspection provide warning. However, those alerts come when equipment is already very near the point of failure.

Conveyors transporting intermediate and finished good are subject to loads, loose product debris, and temperature changes, all of which cause unexpected failures.

Falkonry predictive production operations discovered and learned to recognize patterns that **predict failures of Conveyors.**

How?
Using Falkonry's predictive operations solution, the client was able to analyze process and condition data involving several assets at each production location.

This enabled the maintenance engineers to prepare to service the equipment at the next scheduled maintenance/ cleaning period in effect reducing downtime and product losses.