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**Asian food and beverage producer reduces variability by 60% thanks to Tetra Pak® Plant Care with Predictable Maintenance Costs**



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## Customer

An Asian food and beverage producer.

## Challenge

Delivery reliability issues due to unplanned downtime, resulting in high variability, increased waste and lost co-packing orders.

## Solution

A service solution consisting of preventive maintenance, parts management with on-site production support and operator training.

## Results

Variability was reduced by 60%, waste level lowered and Line Machine Mechanical Efficiency (LMME) improved from 90.7% to 95.7%.

## Customer challenge

Part of our customer's business is to pack food and beverage for other companies. To be able to secure existing and new co-packing orders, our customer needed to improve delivery reliability, efficiency and performance – although they had good performance already. Unplanned stops frequency needed improvement, too many packages went to waste and operators generally had insufficient skills (partly due to high employee turnover).

## Our solution

We put a Tetra Pak® Plant Care with Predictable Maintenance Costs agreement in place. This means that we are not just fixing things that are broke. The purpose of this well-scheduled maintenance service is to identify potential problems before they actually occur and thereby reduce unplanned downtime. The service agreement included on-site support and operator training.

## Results achieved

The efforts – in combination with well-trained operators – resulted in less waste and that the filling machines now run at their rated capacity. The Line Machine Mechanical Efficiency was at a high level already - 90.7% - but we managed to increase it further, up to 95.7%. Variability was reduced by 60% - from 9.5% to 3.8%.

### Customer case

#### An Asian food and beverage producer

**Challenge:** To reduce unplanned downtime and secure co-packing orders

**Solution:** Tetra Pak® Plant Care with Predictable Maintenance Costs, including operator training and on-site support.

**90.7% -> 95.7%**

LMME improvements

**60%**

Variability reduction

## What is variability?

Variability measures the month-on-month differences of Line Machine Mechanical Efficiency (LMME), and thus indicates the stability of performance every month and the ability to rely on production targets in future months.

### Tetra Pak® Services

Tetra Pak® Services cover every aspect of your food production, from daily routines to business insights. Our tailored service solutions improve performance, optimise costs and ensure food safety throughout the lifecycle of your operation. With Tetra Pak as your partner, you get the people, portfolio and presence to achieve your performance goals.

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