

Prevent breakdowns before they happen.

The MOT for your ingredient system.

System Solutions

With over 30 years of international experience in the design, optimisation, and troubleshooting of powder and bulk ingredient handling systems, System Solutions Ltd delivers independent, expert advice that puts your business first.

Why Choose Us?

- **Completely independent consultancy** - no ties to manufacturers or system suppliers
- **Technical excellence** backed by Chartered Engineering status
- **Experience** with leading global bulk-handling equipment suppliers
- **Practical, real-world solutions** - not sales pitches
- **Cost-neutral value:** prevention saves downtime and increases profit

Meet Your Expert Partner - Russell Davies BEng CEng MIMechE

- 1st Class Honours Degree in Mechanical Systems & Design Engineering
- Chartered Engineer (CEng)
- Member of the Institution of Mechanical Engineers (MIMechE)
- Vice Chair - SHAPA (Solids Handling & Processing Association)
- Past senior roles with: NEU Engineering, Reimelt USA/UK, LP-Tech & Zeppelin UK



We understand **the industry**

systemsolutionsltd.co.uk

Services to protect your productivity

System Health Check

Flour | Grains | Seeds | Pre-mixes | Improvers

Identify failures before they stop production - helping your operation remain cost-neutral or better through avoided downtime.

System Performance Evaluation

Analysis of design weaknesses causing poor flow, blockages, contamination risk or inefficiency.

Detailed Component Inspection

Mechanical condition reports and recommended upgrades for efficiency and safety.

Full Engineering Report

Clear findings and step-by-step action plan for improvements and preventative maintenance.

Independent Component Selection

Get the right solution for your application - not just what a supplier wants to sell you.

ATEX Compliance Advice

Verification of equipment suitability for defined explosive zones.

Operator & Engineering Training

Empowering your team to spot issues early and operate systems correctly.

Troubleshooting & Root Cause Analysis

Especially valuable for ageing systems with declining performance.



Who We Help

- Industrial bakeries
- Food and ingredient processors
- Cereals and grain handling operations
- Any bulk powder conveying facility

When ingredient handling systems fail, production stops and costs rise.

Our mission is simple: keep your systems running efficiently, safely, and profitably.

Contact Us Today

Russell Davies

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