

INTRODUCING

Production Controlling & Monitoring



Improve Your Profitability by
Reducing Defects to **Below 0.001%.**

What Are the Biggest Challenges in Manufacturing Today?

Tremendous Competition

Manufacturers in the global landscape have more competition, more product variables, more regulations, and more cost pressures than ever before.

Cost Reduction as Leading Instrument

Manufacturers are competing for market share on a price basis, are trying to be price-competitive without eroding margins and seek ways to reduce costs associated with producing products.

More Sophisticated Products and Processes

Today's products and processes are very complex, and they have more options and require customization and manufacturing must be more agile and proactive.

Weaker Links Between Manufacturing and the Rest of Your Business

Efficient manufacturing processes demand real-time visibility and flawless material movement driven by continuous, nonstop communication between warehouse management systems and production management.

Why to use PCM solution?

Production Controlling and Monitoring is a visual and real-time based solution that enables defects reporting and monitoring that elevate your profitability by reducing defects to **below 0.001%**.



1. Exact Overview of Your Production Lines

PCM gives you an opportunity for real-time production monitoring and analysis of process conditions. As a Manager or Head of the specific production line, you can have your eyes on the production line and be informed if any particular event occurs.

By doing so, the solution encompasses some of the instruments from:

- Taguchi methods
- Visual Control management technique
- SMED method



2. Real-Time Events Monitoring

PCM provides accurate 24/7 real-time manufacturing information on all plant operations. By gaining access to this information, operators will be able to reduce scrap and waste and machine downtime, while at the same time improve cycle times, Overall Equipment Effectiveness (OEE), plant productivity and automatic part qualification. Identifying resource inefficiencies lets companies do more with existing resources and find new capacity.

This way of immediate information providing is based on the industry practice incorporated from:

- The Toyota Production System
- Point and Line Kaizen
- Lean manufacturing

3. Elimination of Unnecessary Manual Lists and Paperwork

Collecting production data manually is time-consuming and error prone. With no access to real-time data, an organization might produce bad parts for some time before realizing it. The idea is to collect data directly from equipment and operators on the shop floor in real-time with the mobile or desktop devices, eliminating inaccurate and time-consuming manual data collection. Do it swiftly by touch screen selecting or Barcode/QR code scanning.

One of the methodologies that pays significant attention on everyday repetition is 5S methodology. Its “Shine” element request from employees to keep the production plants safe, clean and maintained on a daily basis.

4. Easy Identification of Issues That Are Causing Lower Productivity

A main focus is to reduce costs. The reduction of waste can boost compay’s results even if revenues are leveled-off. Processes must be imposed and monitored to guarantee execution against best practices.

Therefore, the PCM leans on the industry leading standards encompassing:

- **Six Sigma**
- **Zero Defect Program**
- **7 Wastes methodology**
- **ISO 9001:2015 - a certified Quality Management System**

5. Continuous Process Improvement

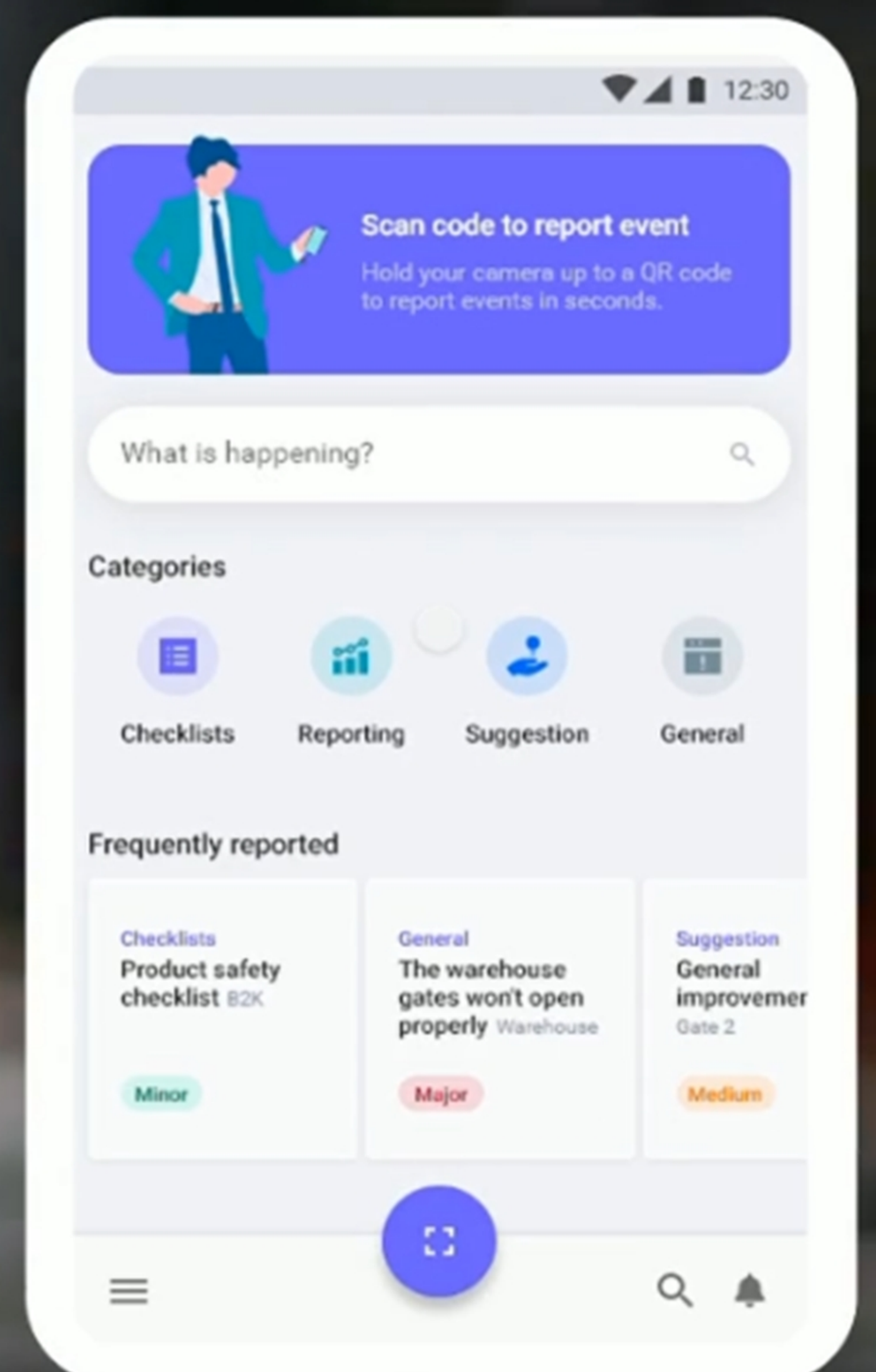
Improvements in cycle time should never come at the expense of quality. Creating efficiency calls for directed manufacturing that reduces production variability in cycle time, enforces best practices, and insists on error proofing. This is done by PCM by tracking productivity indicators before and after the incident event.

Continual improvement should be deeply incorporated in company DNA. The solution is therefore designed in accordance with:

- **TRIZ - Theory of inventive problem solving**
- **Quality circle approach**

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How to Get the Most Out of PCM?





Set it up easily

Easy to download and setup with wizard screen. User is not requested to possess advanced knowledge in IT for doing so.



Configure it in accordance with your production scheme

Application comes with predefined configuration based on industry best practices. Still, as each company has its own processes, the solution provides various types of parameterizations and configurations.



Define events to be reported

Even though the list of some typical predefined events will be provided automatically, the user has a possibility to enrich this list by creating a numerous of different types of events.



Monitor, Control, Analyze, Improve

Apart from lists of events and their details, PCM has designed statistically-based reports for team leaders and managers. These reports provide in-debt analysis for all important decision makers.

**Focus on driving your
company further.**

**PCM is a reliable
partner on your
growth path.**

Call us or schedule a demo to find out how!

 Learn more at: <https://getbgd.com/>

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