



Data-powered AI loss prevention Flood LPE (Loss Prevention Engine)

Pattern intelligence that detects fraud signals
across self-checkout and POS in real time.

Flood's LPE transforms **your own transaction data into real time intelligence**, silently analysing every scan to identify suspicious behaviour as it happens. Instead of overwhelming staff, it triggers only meaningful, risk-based alerts - configurable to your business, your stores, and your preference for intervention. This means fewer false positives, smarter reactions on the shop floor, and a safer, more seamless checkout for both customers and colleagues. Flood can give you confidence, control, and measurable shrink reduction, all powered by the data you already own.

Fight fraud with facts. See patterns. Act faster.

Flood LPE is a fully flexible, data-powered AI loss prevention solution, allowing you to deploy either **simple or highly sophisticated pattern sets**, dynamically building risk scores that accumulate toward configurable thresholds tailored to your business, store, or device. Routing alerts intelligently to Self-Checkout lanes or Flood Empower devices for efficient resolution.

Running at the edge, LPE analyses data instantly, enabling fraud patterns to be identified, refined, and addressed rapidly - either within the store or centrally at corporate level.

With Silent Defence, your HQ or stores can initially observe and gather intelligence without impacting the customer experience. The result is a system built around your customers, your data, and your unique risk patterns.

In a crowded landscape of fraud prevention tools, Flood LPE integrates seamlessly with your existing risk assessment framework while preserving a frictionless checkout experience - giving you the clarity, insight, and control needed to make confident, informed decisions.

flood
a GLORY company

Key configurable risk detection patterns



Scan behaviour patterns



Monetary patterns



Quantity patterns



Void patterns

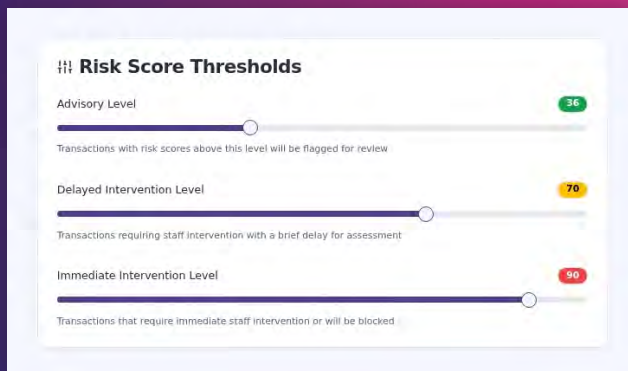


Calculated pricing patterns

'Retailer managed business patterns and risk thresholds...

Requiring no additional hardware'

Full visibility and control with dashboards



- **Advisory**
 - Moderate risk detected.
 - Breached threshold.
 - Transaction flagged.
- **Delayed**
 - Suspicious pattern detected.
 - Breached threshold.
 - Delayed intervention triggered.
- **Immediate**
 - High risk.
 - Breached threshold.
 - Transaction stopped.

Why retailers need real time, data driven loss prevention

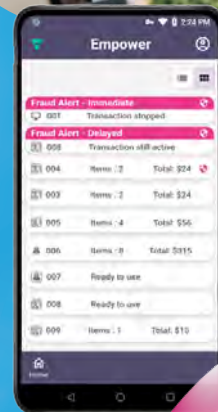
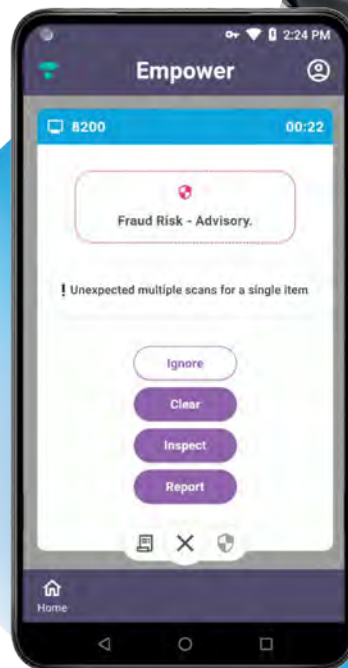
LPE solution provides	Delivering key benefits
Real-time AI monitoring	Tracks each scanned item instantly to detect suspicious behaviour.
Silent validation	Evaluates patterns in the background without interrupting customers.
Configurable risk	Thresholds and patterns can be tuned per retailer & store.
Actionable alerts	Triggers interventions only when risk thresholds are exceeded.
Associate support	Routes alerts intelligently to Self-Checkout lanes or Flooid Empower for efficient resolution.
Data-driven	Uses retailer-owned data to reduce false positives.
Improved experience	Maintains a smooth checkout experience while reducing shrink.

Pair with Flooid Empower

Seamless connection to our in-store associate tool, Flooid Empower, ensures alerts of the calculated risk-level immediately reach your operational teams at their fingertips, enabling swift, positive, discreet investigations that minimise disruption.

After visual verification, operational actions are suggested to provide accurate, in the moment, proactive intervention management:

- Staff prompted to act (e.g., check basket, confirm potential fraud, escalate to security)
- Optionally operate silently without interrupting service to the customer on Self-Checkout
- Silently monitor transactions on Point-of-Sale*



Why it matters

Retailers leveraging proactive fraud tools are reported to have achieved:

- 30%+ improvement in resolution rates
- Improved fraud detection with no extra staffing
- Stronger customer trust and smoother service
- Flexibility to adapt to changing fraud patterns and business needs

Scalable, integration ready, future-proof

Flooid's open architecture supports multiple connectivity points, across your existing customer and associate touchpoints – Self-Checkout, Flooid Empower, and POS* – and can even incorporate information captured by third-party cameras and computer vision solutions. All transaction data, patterns and triggers are fully logged for AI analysis and follow-up.



Protect profits. Empower staff.

...Real-time data-powered AI loss prevention makes it possible.

*Coming soon

Flooid Ltd.
Ingenuity House, Bickenhill Lane
Birmingham B37 7HQ

+44 (0)24 7669 4455
marketing@flooid.com
flooid.com

© 2026 Flooid. All rights reserved.

flooid
a GLORY company