What problem does Pentalym solve?

PENTALYM ALLOWS YOU TO CREATE A MIRROR OF THE REAL WORLD FUNCTIONALITY OF ANY PHYSICAL OBJECT (CLOTHING) INEXPENSIVELY AND IN SCALE.

Allocating a unique identifier (smartCode) for every physical item (clothing), provides a platform that captures all the relevant information on that individual item during its useful life.

This information is live, stored in a secure cloud based server that can be easily accessed (smartphone) by relevant people at any point in time to maximize efficiencies and efficacy through a 11 aspects of the supply chain whilst helping drive circular fashion.

What tangible benefits does Pentalym deliver?

- Creating a digital replica of clothing items enables fabrics, patterns and pieces to be virtually created first to minimize waste in the supply chain.
- Provides users with live data to have full visibility around the supply chain enabling them to identify weaknesses and areas for improvement
- Provides traceability and transparency around all aspects of supply chain resulting in:
  - Capability to do a product Life Cycle Assessment (LCA)
  - Reducing environmental impact
  - Removing waste and inefficient processes
  - Ability to validate sustainable sourcing (deforestation/climate/animal welfare/biodegradable fabric)
  - Adherence to ethical working conditions (child labour,poverty,living wage)
  - Holds vendors accountable (adherence to standards,environmental performance)
- Creates an audit record for individual physical items, enabling automated demand forecasting and supply chain optimization.
- Drives more sustainable consumption practices facilitating circular fashion (resell, store take back schemes, clothing swaps, garment repair and up-cycling)

Recycled or composted → **Sustainable fabrics** → **Made into products designed to last**

Repaired & up-cycled ← **Loaned out or passed on with love** ← **Worn with care**

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Example: Product registration

Consumers can simply scan the globally unique QR code to start the registration process...

Add address | Add the original receipt | C02 emission programs
Warranty extensions | Social media links

Example: Product Returns and Replacements

Can now be easily facilitated, consumers can simply scan the globally unique QR code on their clothing item to complete a return process...

Add photos of your damaged product

Add the original receipt

Be provided with a credit or a discount on a replacement product

Add return address or contact information

Ability to provide secure codes for product return verification

What does this mean for you as the supplier?

Enables suppliers to quickly work out what went wrong with an item or service and where to improve it.

Brings you closer to your customer and provides capability to communicate directly about the individual product they received to obtain feedback, facilitate returns, upgrades and new offers...

HOW DO I GET STARTED?

Contact your Pentalym representative now to arrange a 30 day trial so you can validate the benefits to your business.

PENTALYM™