

# From Wooden Tables to Self Service Products

The Philosophy behind BPS (Base Product Specification)

[bps.kivanura.org](https://bps.kivanura.org)

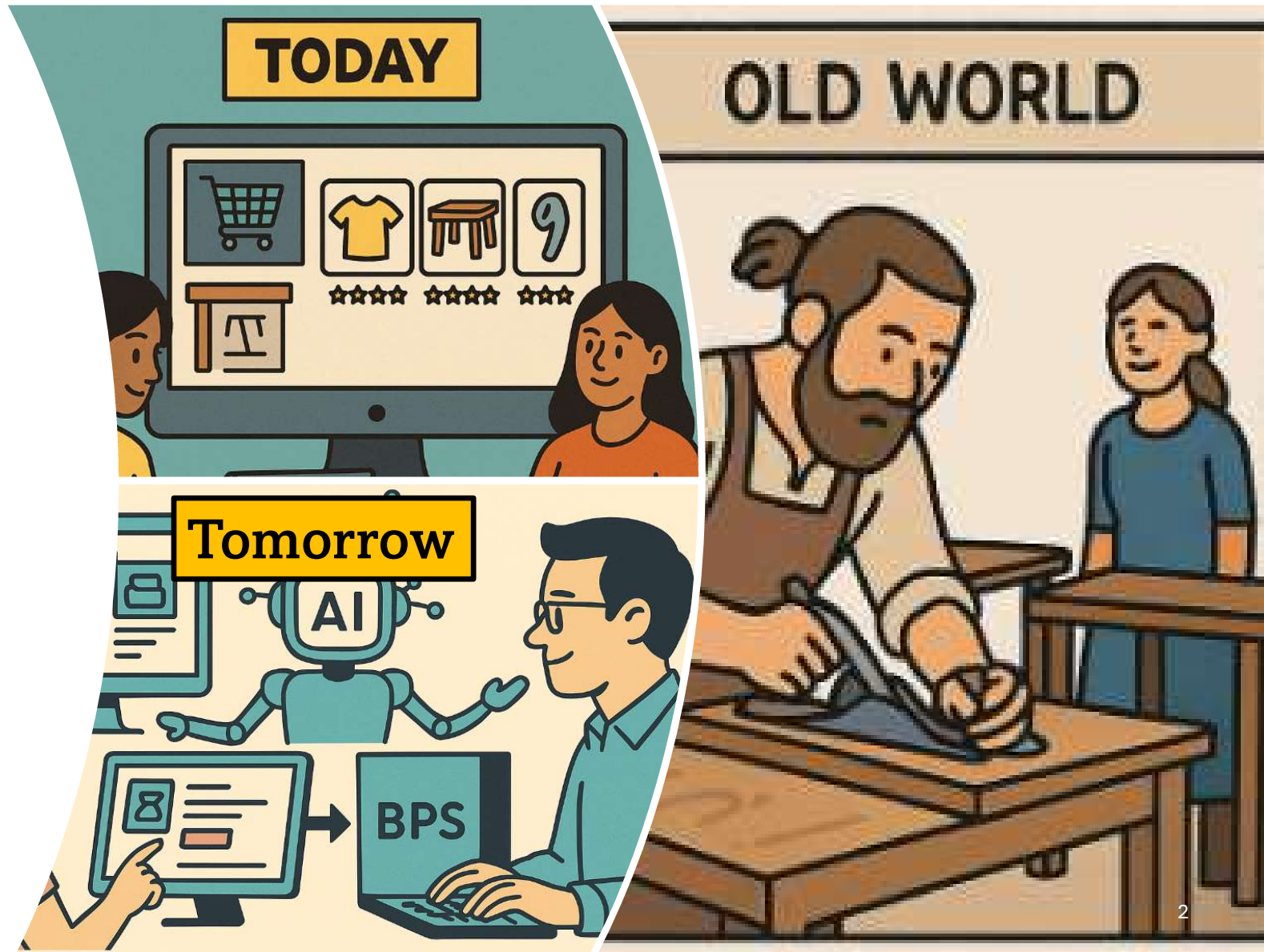
Part 1 of 2

Founding Architect : KaizenX

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## The Journey of Products

- **Old World** : products by hand, trust was personal.
- **Today** : products at scale, marketplaces dominate.
- **Tomorrow** : automated, self-service, intelligent provisioning powered by BPS.

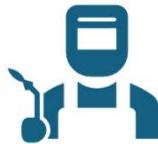


# The Old Marketplace

## When Products Were Tangible and Trust Was Personal



**Products** were **physical and tangible** (e.g., a wooden table).



**Owner** = the craftsman, visible and accountable.



**Consumer** = the buyer, who could inspect and test the product.



**Trust** was personal → touch, reputation, direct relationship.

# The Modern Marketplace

## Global, Scaled, and Mediated

01

**Products** are digital and physical, at global scale.

02

**Owners:** companies, often invisible to consumers.

03

**Consumers:** millions, onboarding through platforms.

04

**Trust** shifts to certifications, reviews, and intermediaries.

# The Post-Modern Marketplace

## Self-Service + Intelligent Automation



**One individual can ideate, design, test, deploy, and publish a product.**



**Self-service and automation replace middlemen.**



**Marketplaces show not only the product but also its semantic blueprint.**



**Consumers discover products with full trust signals, lineage, provenance, and quality metrics.**

# Defining a Minimal Product

**Has a Purpose** →  
Why it exists.

**Has an Owner** →  
Accountable for its  
integrity.

**Has a Consumer** →  
Someone it serves.

**Has a Lifecycle** →  
From creation to  
retirement.

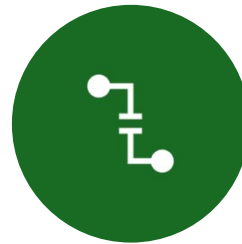
**Is Discoverable** →  
Can be found and  
consumed in a  
marketplace.

**Provides Evidence  
& Trust Signals** →  
Provenance, lineage,  
quality, certification.

# Not Everything is a Product



**✗ Private Prototype** → Built for one-off use, not consumable.



**✗ Undocumented Asset** → Exists but no owner, no description.



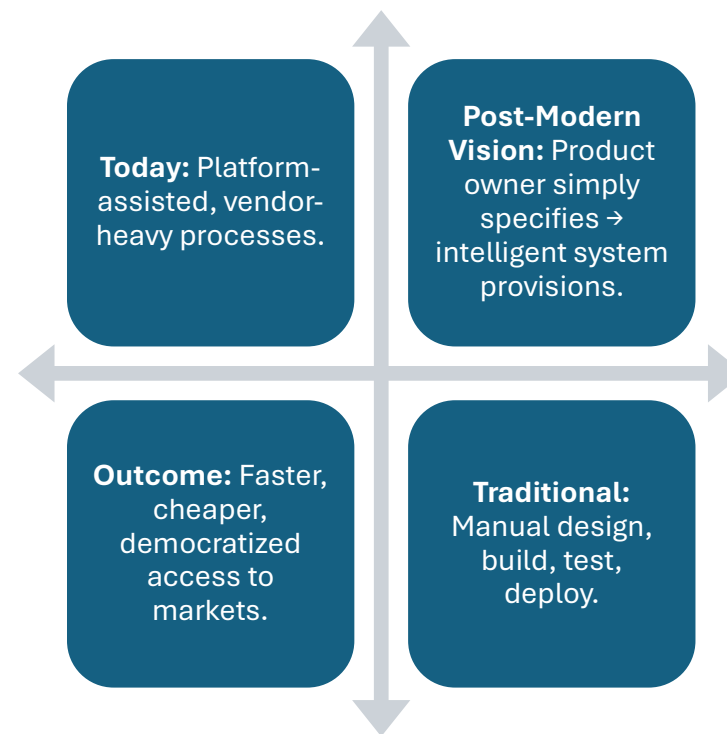
**✗ Ad-Hoc Service** → Works only for insiders, no consumer transparency.



**✗ Opaque Artifact** → No trust signals, provenance, or lifecycle defined

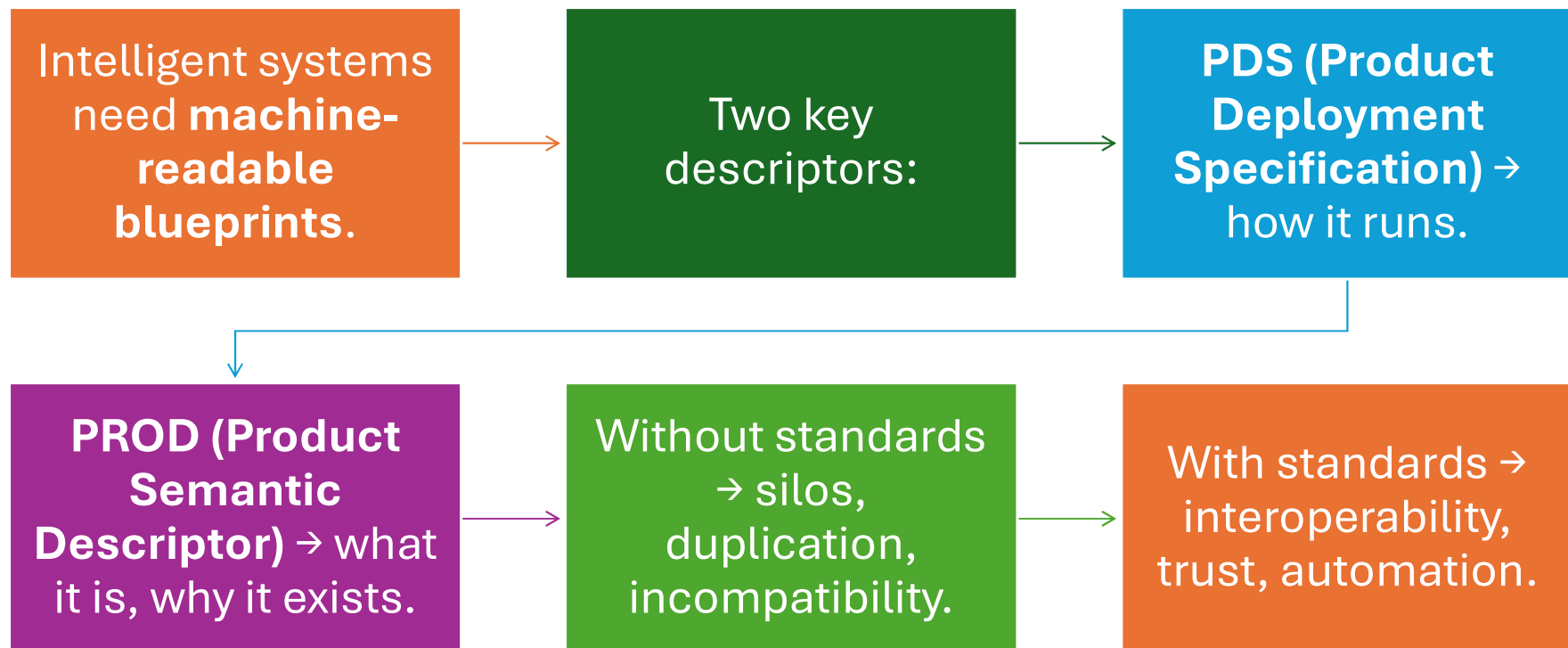
# The Shift

## Manual Effort → Intelligent Self-Service





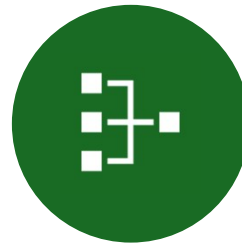
## The Missing Enabler Standardized Specifications



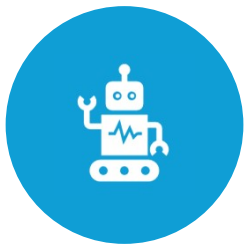
# BPS: A Common Foundation for All Products



Defines **core characteristics** of any product.



Provides a **meta-model**: owner, consumer, purpose, lifecycle, marketplace, trust signals.



Acts as a **foundation for specific profiles**: AI (AIPS), Data (DPDS/DPROD), Software e.g. Day Planner, Physical e.g. Clothes airer, Microwave machine, A Vehicle, A space shuttle



**Machine-readable** → semantic + deployment descriptors.

# From BPS to Domain-Specific Specifications

## Data Products

- Deployment Blueprint: **DPDS** (by Open Data Mesh Initiative)
- Semantic Blueprint: **DPROD** (by EKGf)
- *In theory, these play the PDS/PROD roles. Collaboration underway for alignment.*

## AI Products

- Deployment Blueprint: **AIPDS**
- Semantic Blueprint: **AIPROD**

## Software Products

- Deployment Blueprint: **SWPDS**
- Semantic Blueprint: **SWPROD**

## Physical Products

- Deployment Blueprint: **PHPDS**
- Semantic Blueprint: **PHPROD**

# Empowering Owners & Consumers

## For Product Owners:

- Scope, ideate, and design products **without middlemen**.
- Use **self-service automation** to test, deploy, and publish.
- Rely on **standard specifications (PDS + PROD)**, not proprietary tools.

## For Consumers:

- Discover products with **full semantic blueprints**.
- Evaluate **trust signals, lineage, provenance, and quality metrics**.
- Onboard easily in marketplaces with **confidence and transparency**.

# The Cost of Going Alone vs. the Power of Standards

## Without Standards:

- Each enterprise reinvents its own descriptors.
- Leads to **silos, duplication, incompatibility.**
- Risk of **vendor lock-in** and slow adoption.

## With Standards (BPS):

- Common language across domains.
- **Interoperable, machine-readable descriptors.**
- Enables **automation, trust, and democratization.**
- Easier collaboration between spec writers, platform providers, and enterprises

# BPS The Foundation for the Future of Products

