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OFiDCrypt Perfect Loop Whitepaper

Building Self-Reinforcing **MicroEconomies** for Toys, Tokens, and Stable Yield

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Companion Document to **THE White Paper** ∞ Authors: OFiDCrypt Core Team Ecosystem: GIDDY Stablecoin × eXPB BOUNCY BALL Utility Token

1. Executive Summary

The Perfect Loop is the economic engine that powers OFiDCrypt's family-first MicroEconomies.

This document focuses on the operational and mathematical engine of the Perfect Loop. For the broader vision, lore, product roadmap, and long-term architecture, please refer to the main **THE White Paper** ∞.

The **Perfect Loop** turns every \$15 CAD toy purchase into a self-sustaining cycle: real revenue → token buybacks → customer **digital gifts and credits** → more adoption → stronger MicroEconomies.

- **Simple for families:** Buy a toy → receive **30,000 eXPB BOUNCY BALL** tokens (**Magic 30k** digital gift).
- **Sustainable:** 85% of every sale is swapped / allocated into stable **GIDDY** revenue.
- **Scalable:** Automatic dynamic scaling protects margins while preserving generous digital gifts and credits.
- **Three easy paths:** FIAT, **GIDDY**, or eXPB (10% discount for repeat buyers and collectors).

Net result per toy: The project retains **\$12.75 CAD** in realized **GIDDY** revenue + **\$0.75** in liquidity/assets, while funding its own digital gift plus extra digital gifts and credits for new customers. These digital gifts may also unlock **additional looks** (exclusive aesthetic variants and collectible styles) for future products.





2. The Perfect Loop – High-Level Overview

Core Rule (The 85 / 15 Rule) 85% of every \$15 CAD sale becomes realized GIDDY revenue. 15% is reinvested: 10% eXPB buyback + 5% GIDDY liquidity.

GIDDY Stability: GIDDY is a Canadian-dollar-backed digital asset designed for predictable value, anchored by real-world toy commerce and transparent reserves.

Three Symmetric Customer Paths (identical net value to the project)

+	Customer Pays	Project GIDDY Revenue	Ecosystem Reinvestment
FIAT (Primary)	\$15.00 CAD	\$12.75 (85%)	\$1.50 Buyback + \$0.75 Liquidity
GIDDY (Stable)	\$15.00 GIDDY	\$12.75 (85%)	Flexible (may reduce/offset buyback allocation as GIDDY grows)
eXPB (Loyalty)	\$13.50 equivalent*	\$12.75 (95% of received)	\$0.75 Treasury / Liquidity Retention

*10% discount for eXPB holders. Best for repeat buyers and bundles where network swap fees become proportionally smaller (Pro / Collector Path).

FIAT → GIDDY Conversion -- Received FIAT is converted to GIDDY via treasury-managed processes so all core revenue remains stable.

Asset Flow (On-Chain)

- Revenue Wallet** → Holds the 85% core profit in GIDDY.
- Market Buyback (10%)** → \$1.50 routed via Jupiter for constant eXPB buy pressure.
- Liquidity Injection (5%)** → \$0.75 added to the **GIDDY/USDC, GIDDY/eXPB Meteora DLMM pools** (originally seeded by the Gifting Wallet). Raydium ONE/eXPB, GIDDY/USDC and additional seeded pools across platforms will also share allocation.

Wallets

- Revenue Wallet:** FIAT/GIDDY inflows and core profit.
- Gifting Wallet:** Claim links and digital gifts.
- Community / Rewards Wallet:** Leftover buyback tokens for ongoing digital gifts and credits.





3. Digital Gifts & Credits Mechanism – Fixed Quantity with Smart Dynamic Scaling

Standard Digital Gift: 30,000 eXPB per toy — **fixed token quantity** (not a dollar value). Delivered via **time-limited claim links** from the Gifting Wallet. These digital gifts and credits may also unlock **additional looks** (exclusive aesthetic variants and collectible styles) for future toys and products.

Dynamic Scaling Formula (protects the \$1.50 buyback budget during price spikes)

$$\begin{aligned}
 Let P_0 &= 0.000024P_0 = 0.000024P_0 \\
 &= 0.000024(\text{baseline eXPB price in USD at launch})P \\
 &= \text{current eXPB market price (USD)}P \\
 &= \text{current eXPB market price (USD)}P \\
 &= \text{current eXPB market price (USD)}
 \end{aligned}$$

The delivered digital gift quantity Q is:

$$\begin{aligned}
 Q &= \max(10000, 10000 \times [3 \times P_0/P]) \\
 Q &= \max\left(10000, 10000 \times \left[3 \times \frac{P_0}{P}\right]\right) \\
 &= \max(10000, 10000 \times [3 \times P_0/P])
 \end{aligned}$$

Scaling Table (All tiers preserve the \$1.50 buyback budget.)

Price Band (USD)	Digital Gift Quantity	Approx. Value (USD)	Status
$\leq \$0.000036$	30,000	\$0.72 – \$1.08	Baseline
$\$0.000036 - \0.000072	20,000	\$0.72 – \$1.44	Growth
$> \$0.000072$	10,000	\$0.72+	Moon Mode

4. Detailed Mathematical Model – One \$15 CAD Toy Sale

Baseline ($P = \$0.000024$, May 11, 2026)

- 10% buyback allocation: **\$1.50**
- After ~0.5% DEX + Solana fees: **~\$1.4925** effective
- eXPB purchased: **~62,187** tokens
- Direct digital gift: **30,000 eXPB**
- Leftover to Community Wallet: **~32,187 eXPB** (~\$0.772) → funds **~1.07** additional digital gifts and credits





- 5%: \$0.75 → Meteora GIDDY liquidity
- 85%: \$12.75 → realized GIDDY revenue

Net to Project: \$12.75 GIDDY profit + \$0.75 liquidity asset + self-reinforcing digital gifting loop.

Stress-Test Scenarios (Price Volatility)

Scenario	eXPB Price	Tokens Bought with \$1.50	Digital Gift (scaled)	Leftover / Effect	Loop Impact
Baseline	\$0.000024	~62,187	30,000	+32,187	Strong digital gifting flywheel
50% Crash	\$0.000012	~124,000+	30,000	+94,000+	Accelerated adoption
80% Crash	\$0.0000048	~310,000+	30,000	Massive surplus	Explosive digital gifts pool
3x Moon	\$0.000072	~20,729	20,000	729	Protected margins
5x+ Moon	\$0.00012+	~12,437	10,000	+2,437	Automatic protection

5. Operational Excellence (Real-World Friction)

Solana Rent Management

Digital gifts are distributed using time-limited claim links. The rent cost, approximately 0.002 SOL (about \$0.26 CAD), is pre-funded for each claim. After 30 days, the rent is fully reclaimable, resulting in a net permanent rent drag of approximately 0%.

Swap Efficiency

Project buybacks are executed using Jupiter/Meteora routing, ensuring swap fees and slippage remain very low. The total cost per toy is less than \$0.01.

Fulfillment Guardrails

Each toy sale generates \$12.75 in realized revenue, which is sufficient to cover the cost of goods, overhead, and shipping requirements.





6. For Parents (Simple Explainer)

What do I get?

When you purchase a \$15 toy, your child receives the physical toy along with a digital gift—30,000 eXPB BOUNCY BALL tokens and credits. These are delivered securely via a claim link and may unlock additional looks for future products.

Do I need crypto?

No. Payment can be made with regular money (FIAT or GIDDY). The digital gifts and credits are provided as a free bonus.

Is it safe?

Yes. GIDDY is backed by real toy sales, with all transactions being transparent and recorded on-chain.

7. Regulatory Positioning

eXPB BOUNCY BALL is a utility token designed specifically for discounts, digital gifts, credits, ecosystem perks, and participation within the OFiDCrypt platform. It is not intended as an investment vehicle or security.

8. On-Chain Mechanics & Wallet Flows

- FIAT or GIDDY payments are directed to the Revenue Wallet, where 10% is automatically swapped on Jupiter and sent to the Gifting Wallet. Claim links are then generated for digital gifts.
- 5% is deposited directly into the Meteora GIDDY DLMM pool.
- Sales in the eXPB path automatically convert 95% into GIDDY.





9. Projected Volume & Impact (1,000 Toys / Month)

Metric	Monthly Total	Annualized Impact	Benefit
Total Revenue	\$15,000 CAD	\$180,000 CAD	Strong
Realized GIDDY Revenue	\$12,750	\$153,000	Stable profit
eXPB Buyback Power	\$1,500	\$18,000	Constant upward pressure
GIDDY Liquidity Added	\$750	\$9,000	Deeper pools
Total Digital Gifts Distributed	~30 million tokens	~360 million tokens	Massive adoption fuel
Families Rewarded	1,000	12,000+	Community growth

10. Risk Management & Long-Term Scalability

Price Volatility

Price fluctuations are managed automatically by the scaling formula, which has been stress-tested in both crash and moon scenarios.

Operational Risks

Rent and swap fees are quantified and absorbed within the project, mitigating operational risks.

Futureproofing

Trading fees, creator revenue, NFT royalties, and new product lines serve as additional buffers. GIDDY purchases provide flexibility to adjust buyback allocations as the ecosystem evolves.





Appendix: Key Formulas (Technical Reference)

Gift Quantity (Dynamic Scaling)

$$Q = \max\left(10,000, 10,000 \times \left[\frac{3 \times 0.000024}{P}\right]\right), \text{ where } Q \text{ is the gift quantity and } P \text{ is the price.}$$

Net Project Value Per Toy

$$R_{net} = 12.75 + 0.75 = 13.50 \text{ CAD equivalent in GIDDY / assets}$$

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