



Domino's SCC

Founded in 1960 as a **delivery-focused** pizza chain. Is now the **largest global pizza company** with **20,000+** stores.

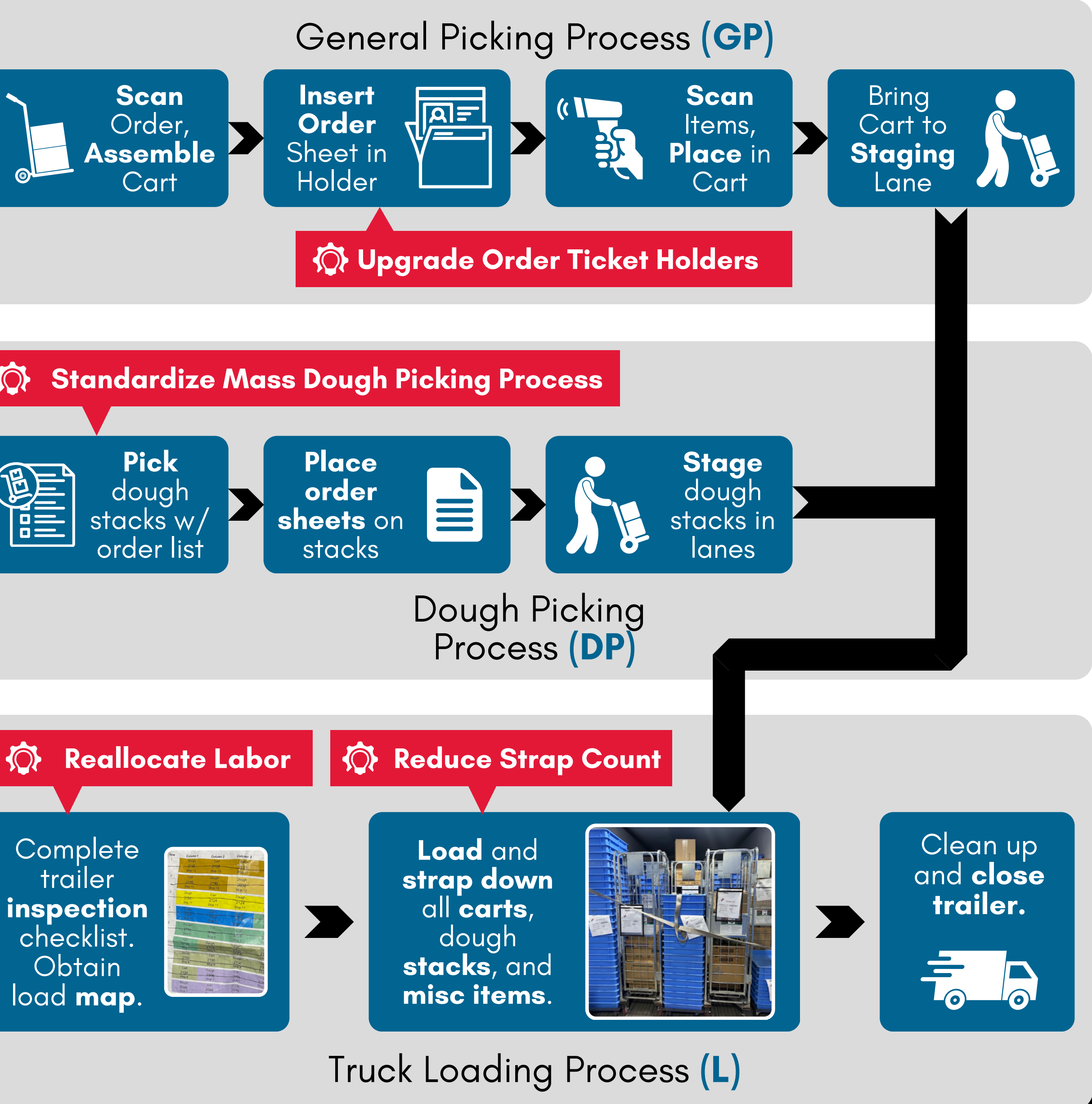
Domino's **Indiana** supply chain center (SCC) is one of the **most autonomous, biggest, and newest** SCC in the U.S. Domino's Supply Chain network.

The Ann Arbor area has one of Domino's smaller, spearheading **"legacy sites"**. It also is home to the **Domino's World Resource Center**

Project Goals

- Job Utilization %**
50% (Now) → 70% (Goal)
- Cost Savings Target:**
\$350,000 Nationally
- Any extra solutions that **save time, effort, and money.**

Current System



We saved...

\$327,600 in Indiana Supply Chain Center and \$1.087 M throughout the USA

Recommendation #1: Upgrade Order Holders

Current Order Holders: Narrow; frequently damages order tickets. Slows picking process. Leads to damaged holders over time.

New Expandable Order Holders:

- 3,564 sec saved daily
- \$6,177.60 saved/yr. in IN
- 341% ROI (\$1,400 upfront)
- \$191,505 proj. U.S. savings

625 expandable pockets on average per SCC

Recommendation #2: Reduce Truck Strap Count

Indiana SCC: 2 Parallel Straps, 88 sec process

Michigan SCC: 1 Diagonal Strap, 22 sec process

Considerations: Standardization Protocols, Materials (Strap Savings), Strap Storage

With Changes Implemented:

- 14,256 sec saved daily
- \$79.20 saved daily in IN
- \$24,710 proj. U.S. savings

Recommendation #3: Reallocate Labor

Reallocate 1-2 General Pickers (GP) to Loading (L)

Known Data: 15 active daily workers (conservative estimate), Avg. workday ≈ 10hrs., 31 Total U.S. SCCs (Supply Chain Centers)

	General Picking	Dough Picking	Loading Process
Current State Status			
# Employees	2	10	3
Utilization % (10 hr. day)	49.96%	50.53%	91.87%
After New Changes			
# Employees	2	9	4
Utilization % (10 hr. day)	49.96%	55.05%	59.00%
Utilization % (6.5 hr. day)	76.86%	84.69%	90.77%

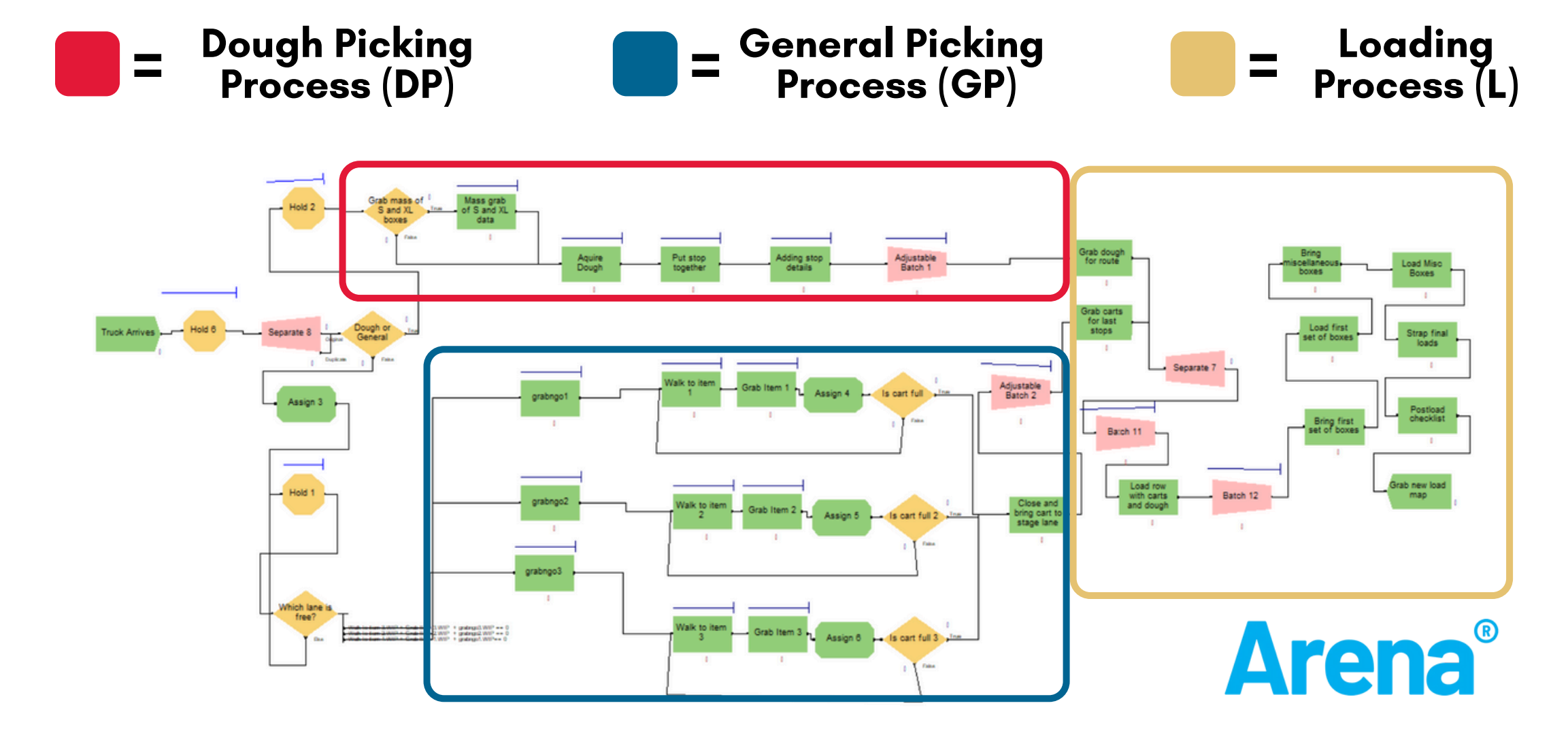
Results of Change: 3.5 saved hours daily per person

- 76.86% GP Util. (+29.9%)
- 84.69% DP Util. (+34.16%)
- 90.77% L Util. (1.10% net Δ)

\$280,800 annually in savings

\$870,480.00 projected national savings assuming 10% implementation rate

Simulation + Time Studies



Our Impact

"Well done with actionable results and what will be a million dollar impact to our operation!"

- Cindy Headen (Domino's Chief Supply Chain Officer)

- Recommended 5 unique solutions that drive over \$1.1M nationally.
- Received real-work experience in an advanced autonomous SCC
- Exceeded both initial project goals (70% Util., \$350,000 savings)

"Love this. Who would have thought changing paper holders and some of these other items would potentially drive so much value."

- Brent Anthony (Senior Manager of Ops + C.I.)

Figures

Michigan SCC

Fig 01. Staged Carts

Fig 02. MI Dough Cooling

Fig 03. Team #3 at MI SCC

Fig 04. Inside of Truck

Fig 05. Current Order Holder

Fig 06. Cold Bay & Staging Lanes

Indiana SCC