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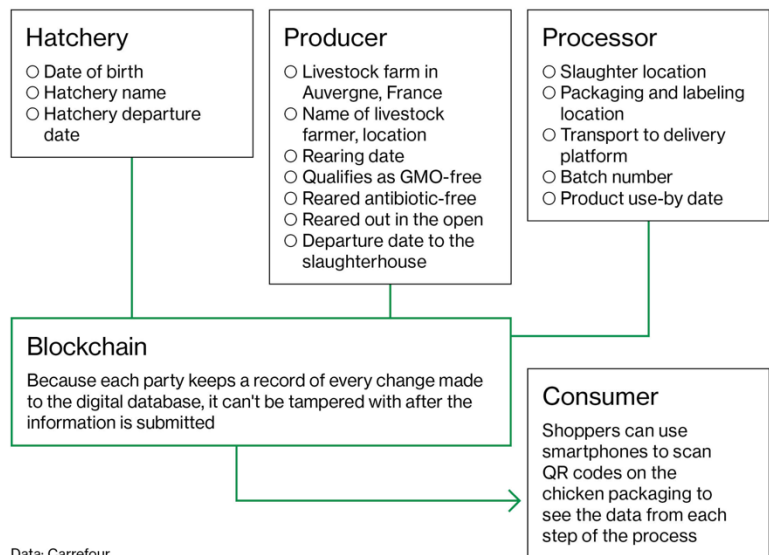


# WORTHWHILE OPERATIONAL GUIDELINES & SUGGESTIONS

## Blockchain for Poultry and Food Processing

While many of us have heard of blockchain, what it is and why it is useful can be a bit more elusive. Blockchain is an open, distributed ledger that can record transactions between two or more parties efficiently and in a verifiable and permanent way. This type of data recording system enhances information security while minimizing potential for corruption.

Blockchain can be used to enhance transparency and traceability of products and product ingredients across the entire supply chain from parent stock to your chicken dinner. Each step in the supply chain process is digitally recorded and connected through the distributed ledger. The figure to the right shows an example of data points entered into a blockchain that can be accessed by all participants.



Data: Carrefour

Blockchain can also have significant impacts with regards to product recalls. For example, in the case of a recall, information regarding the source for each ingredient and locations of potentially affected products are tracked down through manual investigation of purchase documentation and lot numbers, but this process can take weeks to months and may lead to additional lots of product unnecessarily recalled. With blockchain, all information entered into the supply chain ledger can be available and tracked within seconds. The ability to quickly trace ingredients and products across the entire supply chain could save significant time and money through quick identification and location of potentially affected products.



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