



Cognitive IoT Artificial Intelligence & Blockchain Providing Transparency Into The Milk Supply Chain

A Global Leader in Supply Chain Management



The Challenge

The predominant issue in the dairy supply chain relates to the tracking the milk and determining if standards are followed at each touch point from the farmer to consumer.

The Solution

Eilios's ecosystem ensures compliance standards are adhered to at each level of the cycle using blockchain technologies to assure consumers, farmers, and regulators that the product is authentic and correctly represented.

We provide dairy companies secure and customized supply chain solutions that provide greater visibility and efficiency to the production process.

Eilios Protocol can help dairy companies achieve:

- *Greater visibility and efficiency in the supply chain process*
- *Allows the supply chain partners to verify and monitor the entire production process*
- *Each transaction in the supply chain can be recorded and viewed in a permanent decentralized repository*
- *Eliminates human error through data collection by IoT devices*
- *Increased security with the immediate depiction of data and information*
- *Authenticating a product's journey across the supply chain reveals its exact origin and history, which can help to substantiate product claims and ultimately help build trust*

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Elios's mission involves introducing a trustless verification system on all supply chain transactions in the dairy industry. This will provide dairy farmers, processors, distributors, retailers and customers full transparency into the supply chain, from the dairy farm to distribution, with decentralized blockchain verification at every step.

***\$372 billion
value of global
dairy market
in 2017***

***Elios protocol will assist
developing nations as they face
demand for better nutrition and
increase in milk consumption***

***It takes up to 6 days
to trace a product back
through the Supply Chain
and utilizing blockchain
technology it only takes
2.2 seconds***

***China has more
than tripled its
domestic milk
production
since 2000***

***The need for transparency
into the supply chain is a
growing concern for
consumers globally and
could become a staple in
industry-wide practices soon***

***Elios's partners include dairy
farmers, dairy transportation
companies, dairy processors,
and retail companies to
ensure that the end consumer
is receiving the right product
at the highest quality without
contamination***

***Blockchain can speed up
the movement of food
through the supply chain
network, and also allows
fast, targeted removal of
products that aren't fit for
the consumption***

