Generally, what transformative IT solutions have the greatest impact on the company’s
and when in each supply chain, relying on shipments arriving or departing on ships. The second
While the ports are at the intersection of maritime supply chains, those supply chains are not the
transform the supply chain?
What are the main challenges for ports when considering a digitisation project to
consistent in time and quality, output as expressed in time
use of and reliance on self
in the format that is useful to them, or ideally, directly to their own automated systems. It would
It would be always accessible for unloading/loading operations to vessels no matter if a vessel
What would the ideal port ecosystem look like?
an experienced conference speaker, Kris travels the world talking about advanced innovation in
most practical to apply AI, I always ask what the port is trying to change about itself. For example: do
monitor vessel behaviour (a.k.a. surveillance). When it comes to deciding where it is most
bottlenecks, understanding how solving one bottleneck may create
advisor can determine the trade
optimisation assist bridging this gap?
parity on the way to precise about detailing the bottlenecks, understanding how solving one bottleneck may create
simplistic price discrimination method, often based on the heuristic experience of their
prices across many industries leverage
alternative to the base price of a container. The focus here is for the ports to
opportunities to better understand and mitigate risks to their customers. It’s about using data
the experience of their
scheduling conflicts between the equipment needed and the vessels that is required to operate it safely and sustainably. Removing these bottlenecks may
be close enough to near the base price. These lower prices may also cause consistent delays to cargo processing. Mathematical optimisation will not play a
next technological disruptive idea that could impact shipping?
In your opinion, where are the next port terminal bottlenecks?
All disruptive Technologies Of Today, including Blockchain, Are Really Technologies Of Yesterday For Which We Finally Found Good Use In Shipping
What is the next technological disruptive idea that could impact shipping?
Assuming the availability of a quick and accurate image recognition system, then all the
predictive analysis uses the data that the company already has to predict data that the
operator will determine the total time between the
The challenge is to understand the full value chain and terminals and vessels will be
sustainable development and innovation. Royal HaskoningDHV has
IT in the operation and commercial driver within everything with
configuration of their
economical terminals and facilities. Therefore, for the types of
operations and information management systems to dynamically work together
precisely in time and space, and they are becoming more precise over time. Because
them to be prevalent in
and IT technologies might never be able to offer.
the predictions could be easily compared with the actual results.
experts and trialing predictive analytics in some areas of business planning where accuracy of
predictive analytics often fails to meet the expectations. I would recommend reaching out to
off the same workspace with machines. That in itself will be a
sophistication from the workforce co
human and processing infinitely more information faster to derive the right answer, something
terminal operation requires human ingenuity and situational awareness that is impossible to
between elements of all port & terminal processes that can be fully automated and made
Humans will play a role in terminal operations for yet long time. We have too many gaps
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