

BlockLab

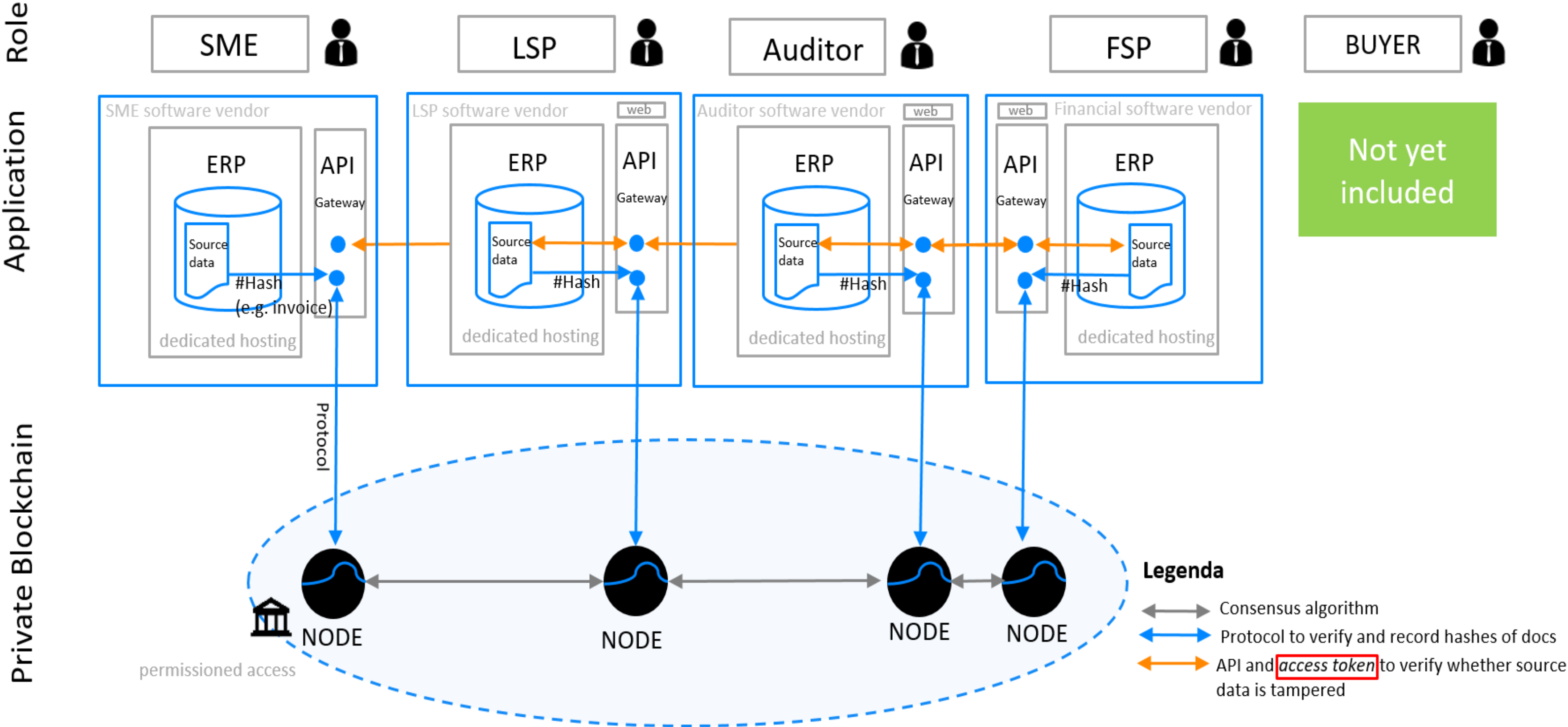
Blockchain & Strategy

- **If all you have is a hammer, every problem will look like a nail...**
 - **Blockchain is not a solution to all the world's problems.**
 - **Blockchain is not disruptive, it is transitional.**
 - **Creating “a faster horse” versus truly new business models.**
- **Cross-overs with other technologies:**
 - **Internet of Things.**
 - **Big Data.**
 - **Algorithms as a Service.**
 - **Infrastructure (Fibre/LoRa WiFi).**
- **When is a nail, really a nail?**
 - **Middle-man reaping obscene profits.**
 - **Value transfer.**
 - **Trust, or lack thereof...**
 - **Decentralized setting.**
 - **Integrating the physical supply chain with the information and financial flows.**

Why blockchain?

	Type	Description	Bank	LSP	SME
Transaction Cost Reduction	Screening	LSPs and financiers share data with the purpose to develop better risk profiles and improve screening processes	X	X	
	Monitoring	LSPs can monitor inventory flows to improve assurance on quality and value	X		X
	Enforcement	Use of blockchain and smart contract manages trust on 'who owns what at what time' cost-effective for community of banks and LSPs	X	X	X
	Bargaining	Financiers could use LSPs access to inventory data to finance 'bulks'	X		
	Transaction	Inventory flows, financial flows and data become more automated and more in sync	X	X	X
New Business	Cross-selling	Extend existing logistic services with new financing options (i.e. insurance, fiscal representation, additional VAL)		X	
	Relationship	Improved offerings to work on long-term relationships		X	
	New revenue	LSPs could become a data hub for financiers, credit insurers and others	X	X	
	Value propositions	Lower cost-of-finance and more added value for customers			X

Schematic View of Blockchain Concept for Inventory Finance



Demo

- <https://youtu.be/MeURAi5KrSI>

Demurrage & Detention

Ship ID	Container Number	Container Type	Size	Freight Forward Company	Actual Arrival Terminal	Planned Pickup FF	Commercial Released	Release Valid Until	Amount to Receive	Payment Confirmed	Free Days	Days after Free time	Charge	Actual Pick-Up date Freight Forwarder
123001241	AB231	GP	20	Ritra	11-11-17 12:00	18-11-17 12:00	Y	19-11-17 12:00	0	Confirmed	7	0	46	-
123001241	AB232	GP	20	Ritra	11-11-17 12:00	18-11-17 12:00	Y	19-11-17 12:00	0	Confirmed	7	0	46	-
123001241	AB233	GP	40	Ritra	11-11-17 12:00	18-11-17 12:00	Y	19-11-17 12:00	0	Confirmed	7	0	46	-
123001241	Q2391	NOR	20	Ritra	13-11-17 08:00	22-11-17 12:00	N	-	92	Not Confirmed	7	2	46	-
123001241	Q2392	NOR	40	Ritra	13-11-17 08:00	22-11-17 12:00	N	-	92	Not Confirmed	7	2	46	-
123001241	Q2393	NOR	20	Ritra	13-11-17 08:00	22-11-17 12:00	N	-	92	Not Confirmed	7	2	46	-



Other Current & Future Projects

- **Decentralized Container Haulage Market:**
 - Peer-to-peer transactions between shippers and truckers.
 - Planning and exception handling.
- **End-to-end supply chains:**
 - NL-UK.
 - Singapore – Rotterdam.
- **LabWorld:**
 - Integrating the blockchain world with the physical world.
- **Energy projects:**
 - Multi-modal and decentralized energy markets.
 - IoT & Blockchain integration



TOKYO - ROTTERDAM
€ 200.000
52° 0' NB, 4° 0' OL
-20°
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