



The Seam[®]

Mark Pryor, CEO



- Cotton No. 2 Futures
- U.S. Cotton
- Physical Delivery
- H, K, N, V, Z



- Spot/Cash Market
- U.S. Cotton
- Physical Delivery
- In Warehouse

Thanks a million.

1,000,000

Over 1 million cotton bales
have traded on The Seam this season.



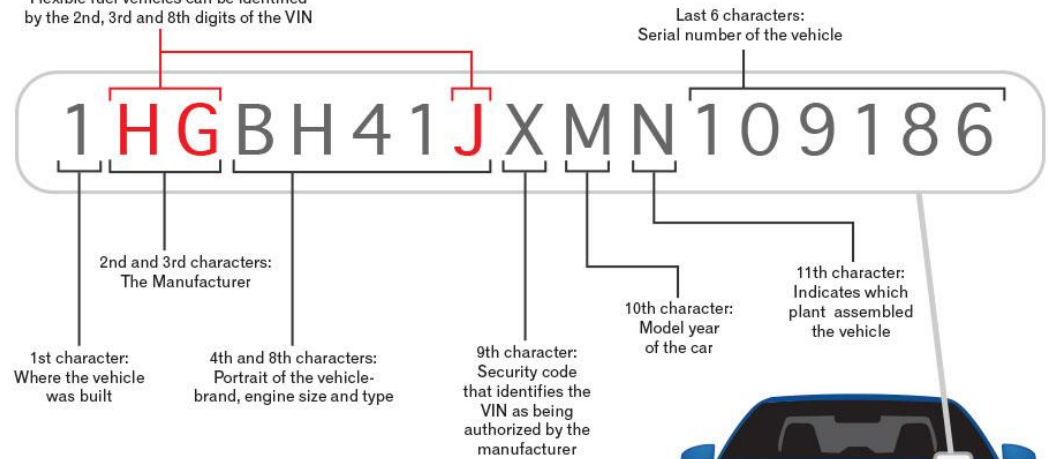
WWW.THESEAM.COM

Identity Preservation

Permanent Bale Identification PBI



Flexible fuel vehicles can be identified by the 2nd, 3rd and 8th digits of the VIN





-
- Anonymous trading
 - Collateral instrument (EWRs)
 - \$500M+ cleared annually

Cotton Trading Monitor

Time	Bales	Crop Year	Terms	Price	LRR	Prem	C1	C2	Leaf	Stpl	Mic	Str	Loan
12:40:59	26	2018	02	.5255	.4489	.0766	3.5	3.0	3.8	34.5	38.0	27.9	.4489
11:34:05	28	2018	02	.5150	.3141	.2009	4.5	3.3	5.3	34.0	39.6	29.4	.3141
11:17:48	39	2018	02	.6000	.4738	.1263	3.7	2.0	4.2	34.0	42.4	27.6	.4738
10:56:46	86	2018	03	.5650	.4797	.0854	4.4	1.9	3.4	35.0	45.0	28.0	.4797
10:48:18	92	2018	02	.5800	.4576	.1224	3.1	1.6	4.2	34.7	33.1	28.2	.4576
10:21:07	58	2018	02	.6770	.5150	.1621	4.0	1.0	3.9	34.8	40.5	30.7	.5150
10:18:36	13	2018	02	.4200	.2853	.1347	4.2	1.0	8.0	35.9	32.2	29.0	.2853
09:48:01	202	2018	02	.5803	.4788	.1015	3.2	2.1	3.8	36.1	35.6	30.5	.4788
09:20:03	184	2018	02	.6445	.4962	.1484	3.0	2.3	3.3	34.4	42.3	28.9	.4962
09:19:58	76	2018	02	.6420	.4989	.1432	3.0	2.2	3.7	34.9	41.9	29.0	.4989
Summary:	1341			.6285	.4904	.1381							

- Price transparency
- Real-time data
- Publicly available
- USDA Spot Quote source



Daily Spot Cotton Quotations
Agricultural Marketing Service
Cotton and Tobacco Market News

Mark to Market (MTM)



New innovations

New possibilities

Warehouse Receipts



1995



“Asset Tokenization”

3.0





- Non-Fungible tokens
- Decentralized, distributed ledger
- Beyond the warehouse, throughout the world
- Life of asset digital representation
- Open, neutral, transparent and traceable





Sustainability

Industry Goals

Commitment

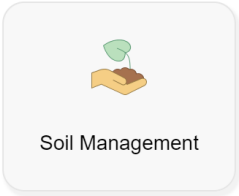
Self-Assessment

Fieldprint



Sustainable Production Self-Assessment

Well done! You are quickly on your way to completing your assessment.



Soil Management

Soil Management



The first step in developing the farm's soil management plan is to evaluate each field for erosion potential. Important factors include slope length, soil type, rainfall potential, wind erosion potential and surface residue. The soil management plan should correct situations with poor erosion. [learn more](#)

Please select your response from the statements below:



Guiding Principle

Assure soil resources are protected and sustained.



Soil Management



Nutrient Management



Water Management



Crop Protection



Harvest Preparation

1 Assure farm meets Conservation Compliance provisions of the US Farm law by registering with the appropriate Farm Services Agency (FSA).



I do this practice today	Not applicable to my operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>

2 If any cotton field meets the definition of Highly Erodible Land, work with Natural Resources Conservation Service personnel to develop and comply with a farm specific plan to conserve soil and water.



<input checked="" type="checkbox"/>	<input type="checkbox"/>
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3 Recognize if a field is not in compliance with strict conservation laws, the farmer is not eligible for any risk management services such as crop



<input checked="" type="checkbox"/>	<input type="checkbox"/>
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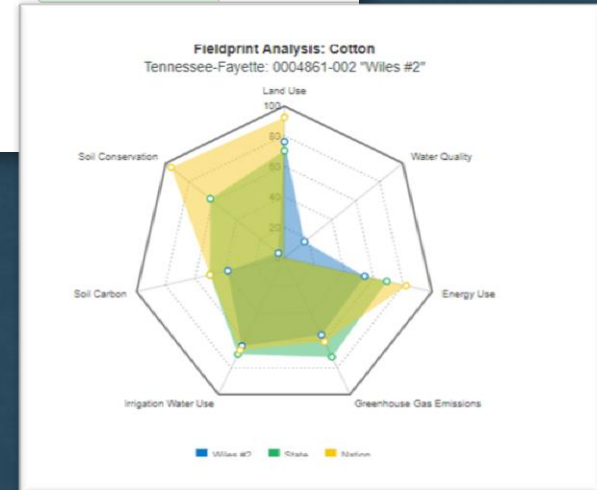
Environmentally sound, rooted in trust.



 Remember Me

Login

Not a member? [Join the movement >](#)

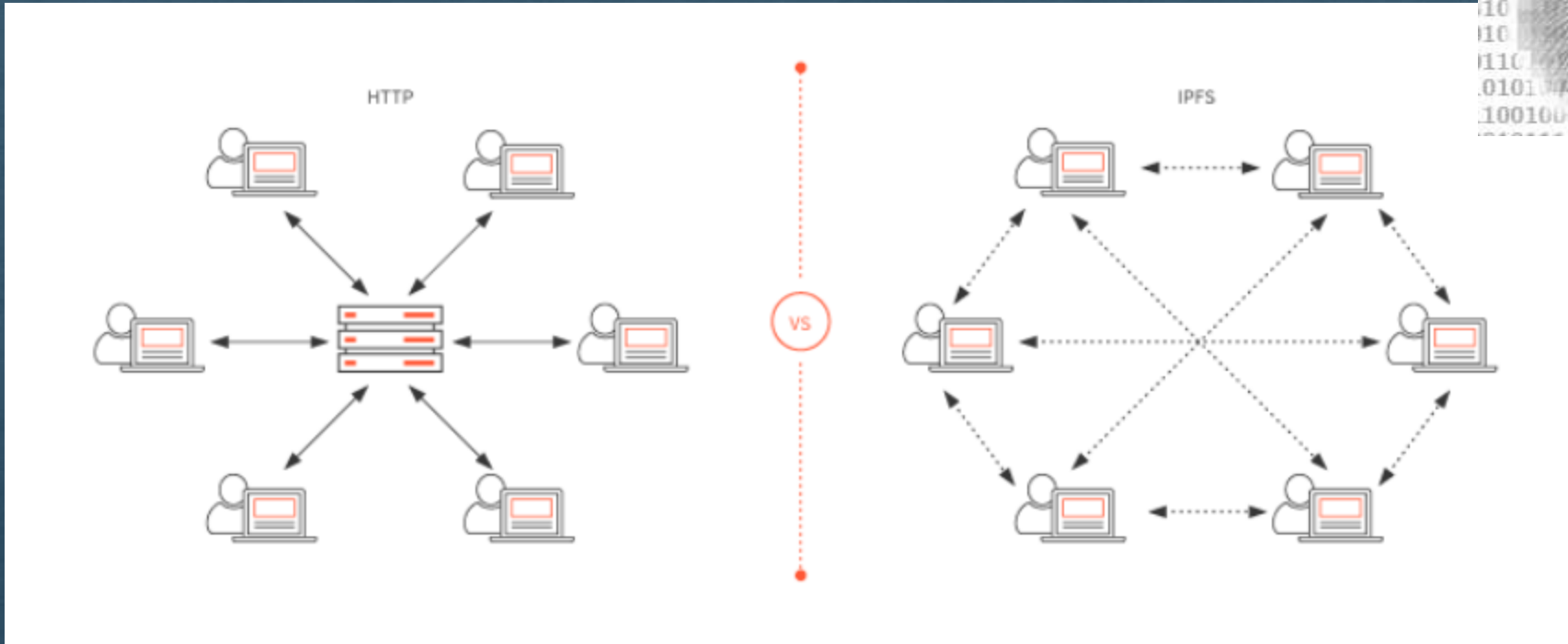




IPFS

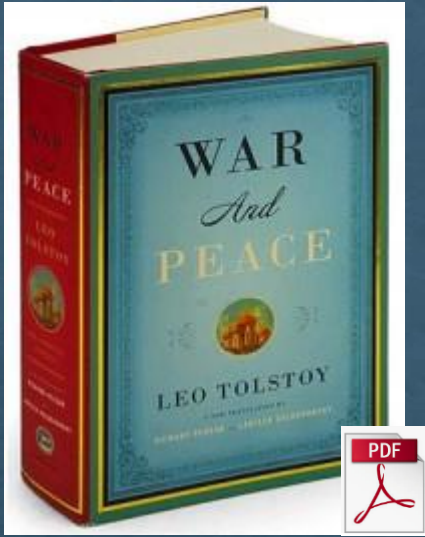
Location based, Centralized

Content based, distributed



“<http://www.yoursite.com/hugefile.data>”

“QmVEjBiBkJNFS83kjWccF..”



- 1,225 pages
- 587,287 words



Each file and all of the **blocks within it** are given a **unique fingerprint** called a **cryptographic hash**.

QmVEjBiBkJNFS83kjWccFKCEmypGfRCpxA5RCsUgKgAqnj





IPFS

- Large file distribution
- Data integrity assurance (content matches fingerprint)
- High performance, massive bandwidth savings
- Peer-to-peer, decentralized, immutable
- Distributed persistence/availability

Weather Data

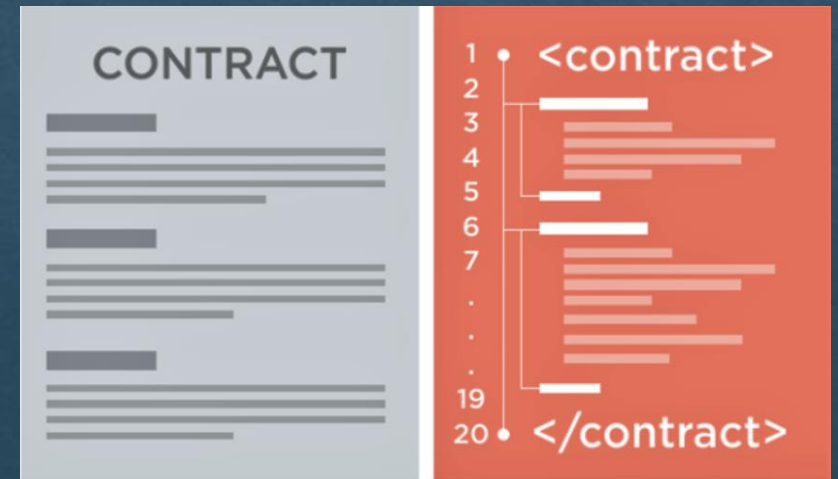
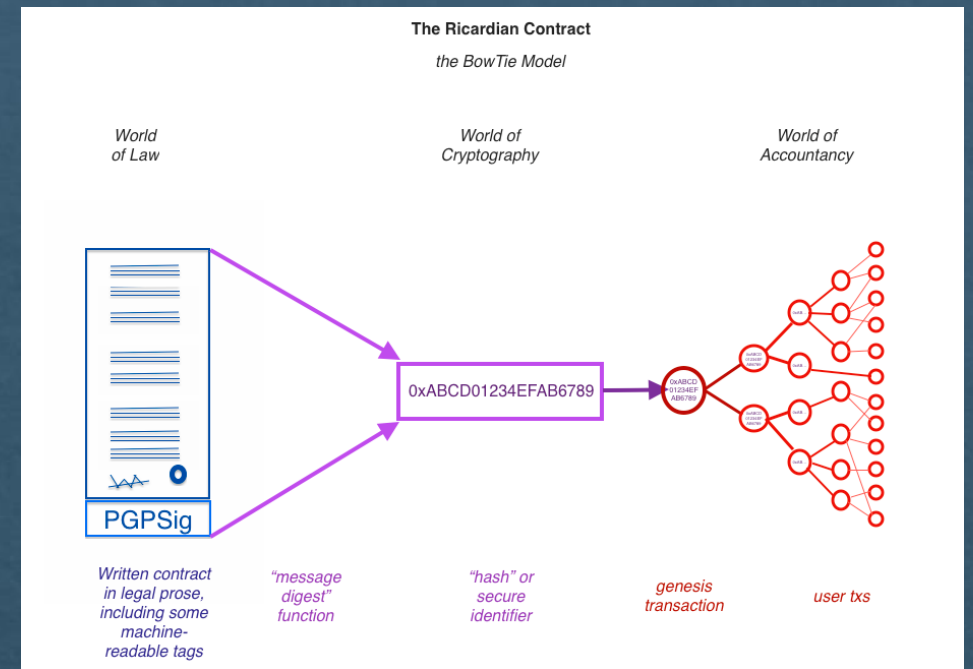
Sharable Industry Data

Off-chain persistence

“Ricardian Contracts”

A digital agreement that **defines the terms and conditions of an interaction**

between two or more peers, that is cryptographically signed and verified.



Must be both **human and machine** readable.

I
 Louis
 SAL
 We h
 DATE
 BUY
 QUAN
 GROWTH / QUALITY : AMERICAN RAW COTTON
 Crop Year 2016/2017
 Growth:EASTERN/MEMPHIS/ORLEANS/TEXAS
 Grade: STRICT LOW MIDDLING
 Staple: 1-1/16"
 Micronaire: 3.5 - 4.9 NCL (seller's option to ship up to 15% 5.0-5.2NCL)
 Strength GPT: 27.0 Minimum
 PROVISIONAL PRICE : 87.50 USD CENTS PER LB (eighty seven point five zero)
 7.50(seven point five zero) USD Cents per lb("Basis")ON March 2017 ICE
 Futures U.S.-Cotton No.2 Contract at Buyer's call
 INCOTERMS : CIF (COST, INSURANCE AND FREIGHT) HAIPHONG PORT(VN)
 As per Incoterm 2010
 PAYMENT : By irrevocable and confirmed Letter of Credit at sight opened by Buyer and



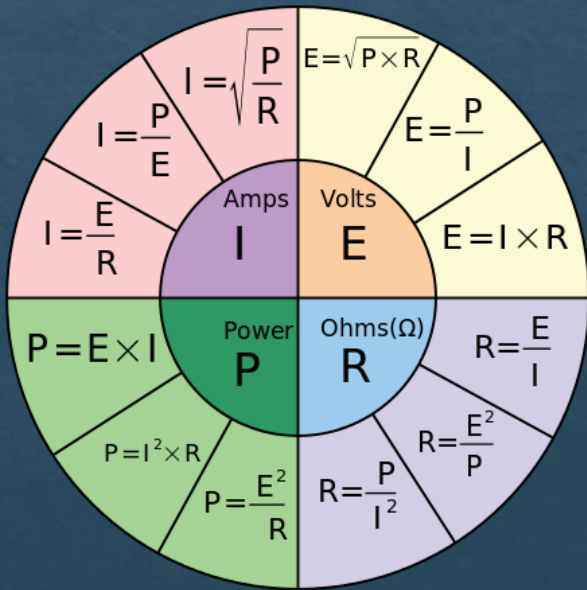
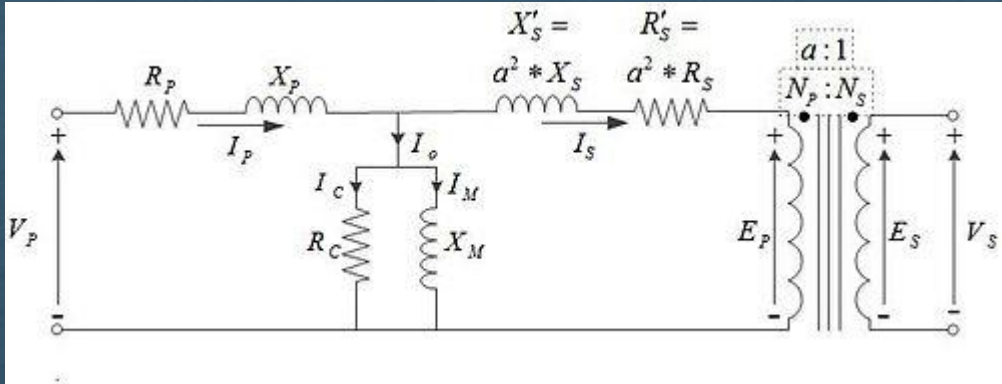
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JSON
1  {
2    "Contract": {
3      "Type": "Sale",
4      "ReferenceNumber": "S0-S02296.C00",
5      "CounterpartyReferenceNumber": "",
6      "Date": "2018-02-21T14:44:11.918Z",
7      "Seller": {
8        "Name": "(China) Trading Company",
9        "Addresses": {
10         "Item": [
11           {
12             "AddressStreet1": "12 Marina Boulevard",
13             "AddressStreet2": "Marina Bay Financial Centre",
14             "AddressStreet3": "",
15             "Town": "Singapore",
16             "Region": "",
17             "Postcode": "018982",
18             "Country": "Singapore"
19           }
20         ]
21       },
22       "Email": "trading@1.com",
23       "Telephone": "65 6735 9700",
24       "Fax": "65 6735 9600"
25     },
26     "Buyer": {
27       "Name": "TEXTILE GROUP LIMITED",
28       "Addresses": {
  
```



Human and Machine Readable

User experience matters.



“When the complex is made invisible...it’s magic.”

Internet protocol suite

Application layer

BGP · DHCP · DNS · FTP · HTTP · IMAP ·
LDAP · MGCP · NNTP · NTP · POP ·
ONC/RPC · RTP · RTSP · RIP · SIP · SMTP ·
SNMP · SSH · Telnet · TLS/SSL · XMPP ·
more...

Transport layer

TCP · UDP · DCCP · SCTP · RSVP · *more...*

Internet layer

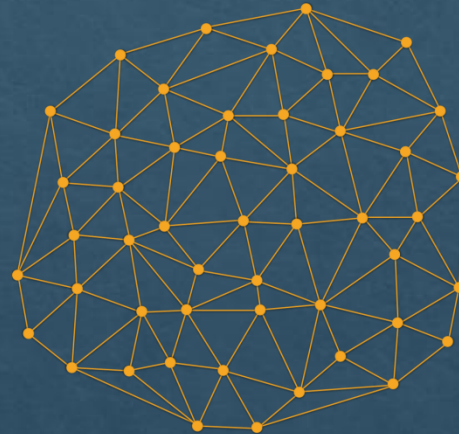
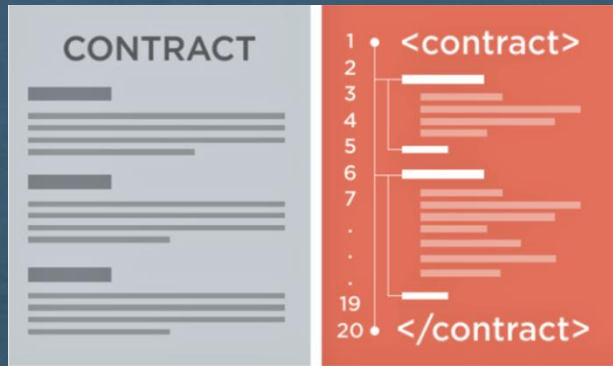
IP (IPv4 · IPv6) · ICMP · ICMPv6 · ECN ·
IGMP · IPsec · *more...*

Link layer

ARP · NDP · OSPF · Tunnels (L2TP) · PPP ·
MAC (Ethernet · DSL · ISDN · FDDI) · *more...*

V · T · E





The Seam[®]

Thank you!