PPECB

TITAN 2.0®

2024 Citrus Season

15/03/2024

Presentation Outline

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There is a war raging against SA Citrus Export Market

HACKERS

CIPC cyber attack leaves millions of entities vulnerable across nation

WENDY JASSON DA COSTA
wendy.jdc@inl.co.za

SENSITIVE data of at least three-million entities and individuals who were registered with the Companies and Intellectual Property Commission (CIPC) could have fallen into the wrong hands when the organisation's database was hacked this week.

Addresses, credit card details, ID numbers and names of companies and individuals might be compromised and the CIPC has called on its clients to be alert to any unusual requests or messages.

It also warned clients to be vigilant when receiving emails, even those which might seem to have been sent from the CIPC email address.

The organisation's Chief Strategy Executive Lungile Dukwana says it seemed to be a targeted attack and investigations were still under way.

"It is actually hackers that got into the system because we started to receive funny messages that were going to our staff but we couldn't make out where it came from.

"It seemed to be something that is very directed. One of the messages that went to our staff was "we have hacked your database and we demand a ransom of a certain amount and you must do that by a certain time'," he said.

According to Dukwana as soon as their ICT technicians were alerted to a possible security compromise as a result of their extensive firewall and data protection systems in place, certain CIPC systems were shut down immediately.

The CIPC is responsible for the registration of companies, (including non-profit companies), co-operatives and intellectual property rights (like trade marks, patents, designs and copyright) as well as its maintenance.

It says at this stage it's unknown whether the cyber attack came from inside or outside South Africa.

"Unfortunately, certain personal information of our clients and CIPC employees was unlawfully accessed and exposed. CIPC clients are urged to be vigilant in the monitoring of credit card transactions and only approve or authorise known and valid transaction requests," said Dukwana.

He said currently the organisation had full control of the CIPC IT system but its Query Resolution System which was used to interact with clients had to be taken down on Friday to enhance its security measures. In addition cyber security experts were still trying to isolate the information that the cyber attackers might have accessed.

"They may have gotten access to the client information; mainly company registration, co-ops, there's a few areas actually affected."

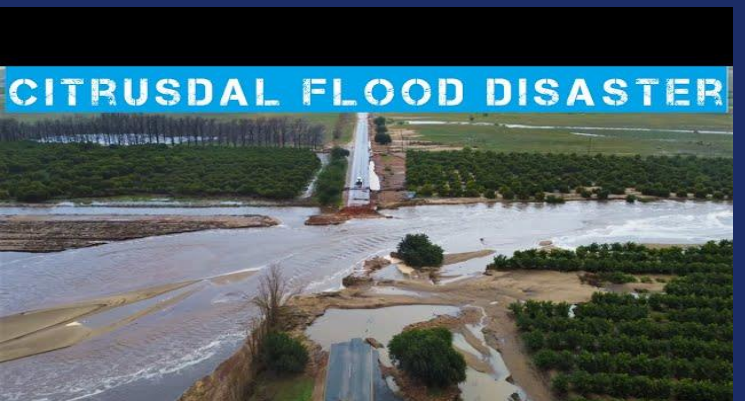
Dukwana said where the attackers gained access to credit cards, they would only have the card numbers but would not know who those cards belonged to.

"So we must all be vigilant so that the matter does not escalate. We are warning everybody who has transacted with us because it might affect anyone," he said. Dukwana said the CIPC recognised the importance of the consistent availability of its systems and the safeguarding of information that was not in the public domain, and it was working actively to minimise the impact on CIPC clients and employees.

The CIPC is a government agency and the matter has been reported to all security agencies including the police and Hawks.

Police had not responded at the time of going to print.

MAGZTER
Clipped from Sunday Tribune - March 03, 2024
Read it digitally on the Magzter app



88 Container Depots

680 Cold Stores – Container Loading

14500 PUC – that must integrate with eCert's TUM for pre verification purposes

Transnet TPA

+- 15 Shipping Lines

6 860 Packhouses – sending Inspection requests via Vendor Systems to TITAN 2.0®

927 Exporters – transmits PO/PI files from PHC to CS.

Making Container Bookings and

Applying for Export Certificates

25 000 Stakeholders in the Value Chain – Integrated Together

intellex

Welcome to Intellex

providing export intelligence for the perishables industry

Intellex provides online access to up-to-date export and inspection data for the South African perishables export industry. For a limited time this service will provide free access to the PPECB's wealth of data in order to support the export industry in making data driven, insight-led decisions.

VIEW GENERIC REPORT

VIEW CUSTOM REPORT

Terms & Conditions

By registering for this service you consent that your personal information is processed for the purpose of accessing this service on PPECB's website servers in Germany.

intellex
EXPORT INTELLIGENCE

Export Analysis - By Calendar Year

PPECB

By Calendar Year

By Fiscal Year

By Season Year

2023

Actual Qty

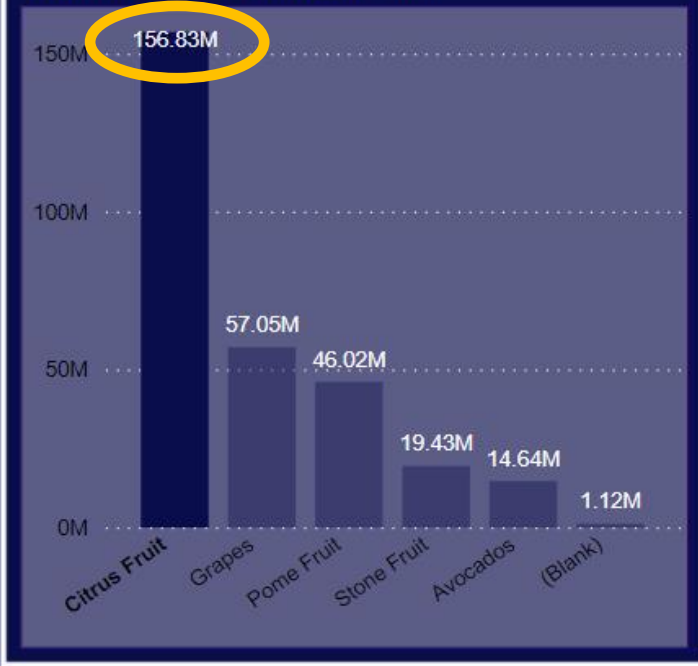
Cumulative Qty

Carton

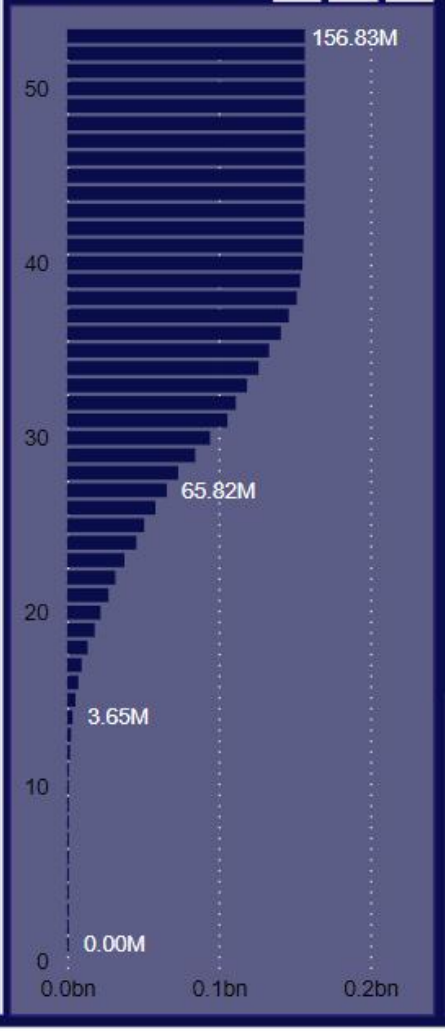
Pallet

Container

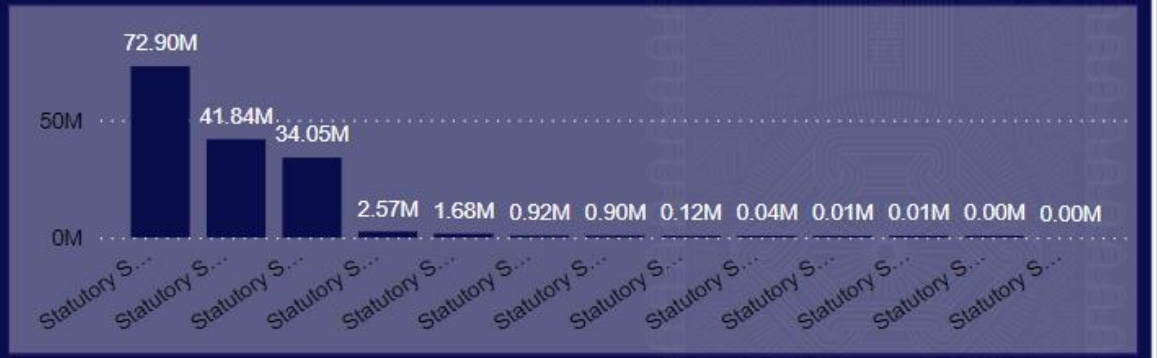
Exported Volume by Product Group

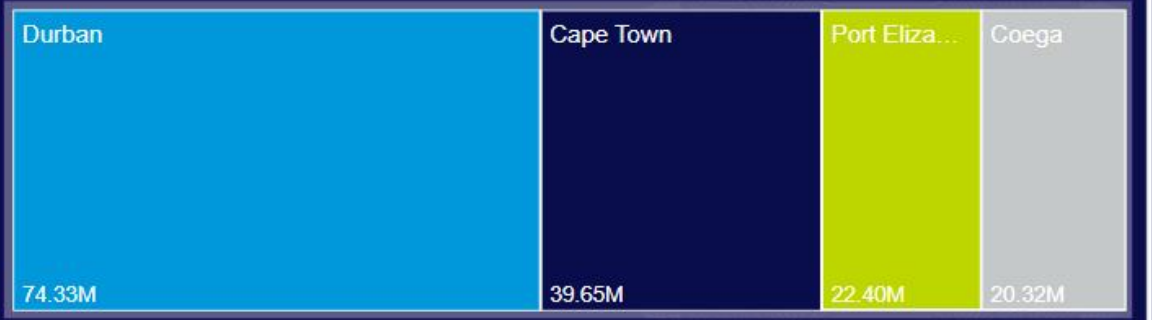


Exported Volume per



Exported Volume per Load Point Structure Name

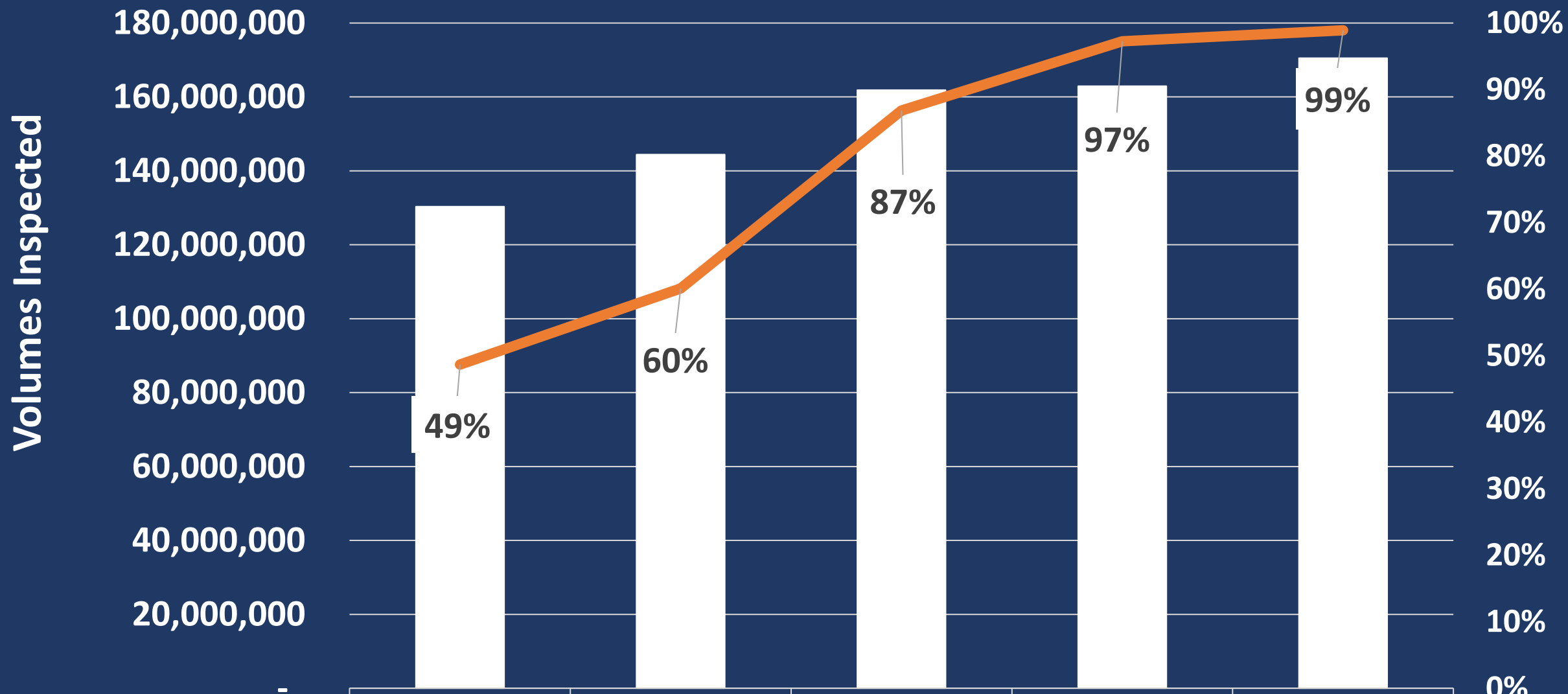




National Citrus Volumes Inspected on TITAN 2.0 per Regional Office

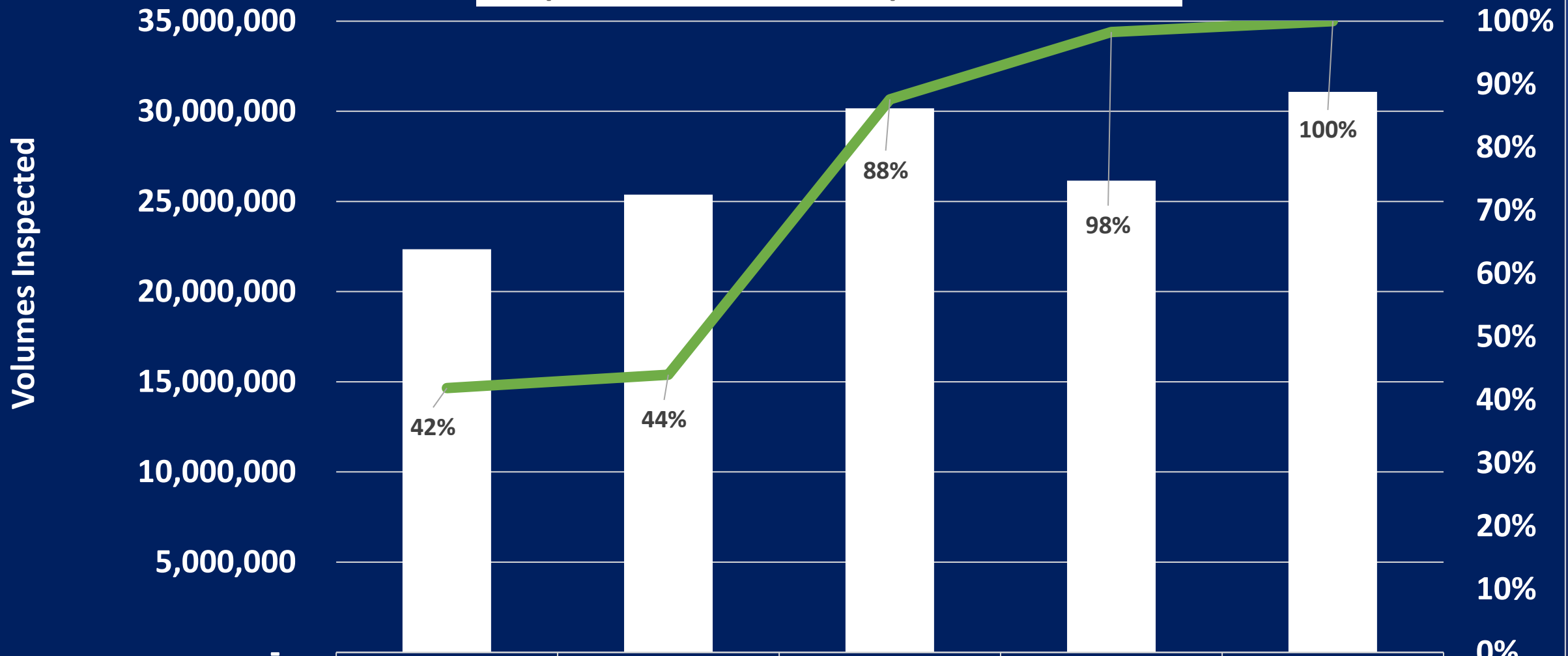
PPECB Regional Office	Manual Inspection	TITAN 2.0 Inspection	Total Inspected	% Electronic Inspection	% Of Total
Eastern Cape	142,046	50,127,650	50,269,696	100%	29%
Nelspruit	2,970	31,073,512	31,076,482	100%	18%
Tzaneen	970	26,896,570	26,897,540	100%	16%
Citrusdal	128,616	24,560,805	24,689,421	99%	14%
Gauteng	1,102,358	19,958,477	21,060,835	95%	12%
Robertson	4,467	10,216,179	10,220,646	100%	6%
Paarl & Ceres	52,967	4,117,539	4,170,506	99%	2%
Durban	276,131	1,665,353	1,941,484	86%	1%
Cape Town	180,330		180,330	0%	0%
Total	**1,890,855**	**168,616,085**	**170,506,940**	**99%**	100%

National Citrus Volumes Inspected on TITAN 2.0 5yr Trend Analysis



	2019	2020	2021	2022	2023
Total Inspected	130,332,398	144,396,761	161,885,544	162,910,194	170,506,940
Instected on TITAN 2.0	49%	60%	87%	97%	99%

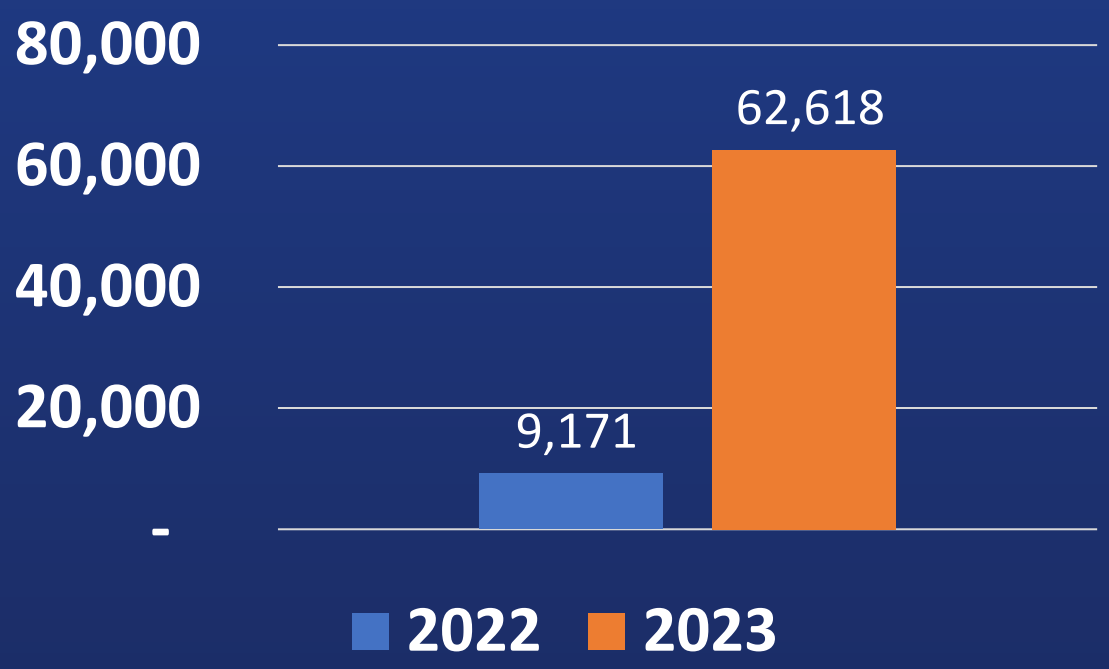
Nelspruit Citrus Volumes Inspected on TITAN 2.0



	2019	2020	2021	2022	2023
Total Inspected	22,352,868	25,380,819	30,158,178	26,149,877	31,076,482
Instected on TITAN 2.0	42%	44%	88%	98%	100%

Electronic Export Certificates

Per Calendar Year



Increasing by 682% (53 447)

Per Issuing Office

Software Vendors

PRODUCER ALLY

Taking Growers Global

CHLOGISTICS.CO.ZA

MorganCargo

AIR AND SEA FREIGHT LOGISTICS

C. Steinweg Group

Nº 1847

contour

we connect the dots

logistex

by Knowledgesoft

LCL

FREIGHT LOGISTICS 4U

GOREEFERS

PERISHABLE LOGISTICS

B&L EXPORT CONSULTANTS

Horizon

Fresh Fruits & Vegetables

Farm fresh select

KUEHNE+NAGEL

Product Inspection Value Stream

TITAN 2.0® Challenges experienced in 2023 Citrus Season – Product Inspection Value Stream

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Challenges

- Delete functionality
- Re-Inspection validations
- Resigning of Processed Consignment notes
- eAddendum issues: 5-day Protocol, Weights, Bins, Classes & Varieties

Updates

- All Vendors have this functionality
- 2 CR's in progress & pallet sequencing resolved
- Process to be followed
- All issues resolved, except Varieties

TITAN 2.0® Road Map for 2024 – lets look into the horizon

TITAN 2.0® Road Map – Product Inspection

Product Inspection

- Electronic Consignment Note
- Vegetables; Nuts and Maize on TITAN 2.0®
- Organisation Linking
- Electronic Export Certificate - API

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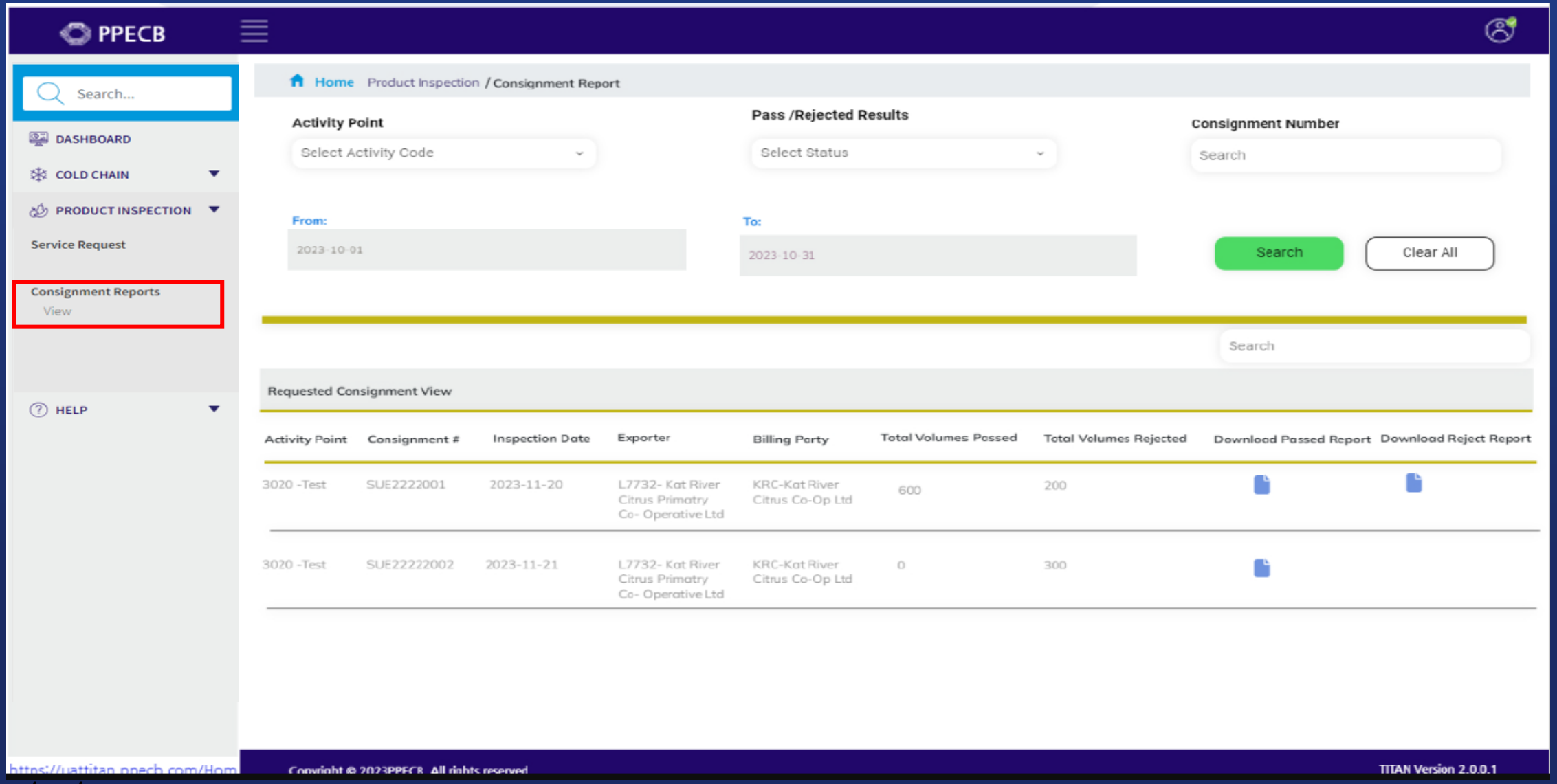
Electronic Consignment Report View



Electronic Consignment note template

TITAN 2.0

PASSED CONSIGNMENT INSPECTION REPORT

PPECB

CONSIGNMENT NOTE NO: XXXXXXXXXXXXXXXXXXXX
EXPORTER: XXXXXXXXXXXXXXXXXXX
BILLING PARTY: XXX

FROM:
PPECB
45 Silwerboom Avenue
Platteklоof
7506

CLIENT:
XXXXX XXXXXXXXXXX XXX XXX
XXXXXXXXXXX
XXXXXXXX
XXXX

UPN XXXXXXXXXXX
Activity Point XXXXXXXXXXX
Inspection Date XXXXXXXXXXX

PALLET DETAILS

Target Region	Target Country	Pallet Id	Pallet Sequence	Puc	Commodity	Variety	Orchard No.	Phyto Data	Flesh Colour	Class	Inventory Code	Pack Code	Size Count	Pallet Qty	Unit Qty	Result	Net Weight	PHC	Protocol Exception Indicator	Pack Date	Pre-packing Treatment

APPROVALS

INSPECTOR:
PPECB REPRESENTATIVE SIGNATURE

CUSTOMER:
CLIENT SIGNATURE

Digital Pass and Reject stamps

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Cold Chain Value Stream

TITAN 2.0® Challenges experienced in 2023 Citrus Season – Cold Chain Value Stream

Challenges

- Switch between manual Q67 to EN
- Some temperature codes not on master data
- Capturing Errors on Container Numbers
- Capacity constraints to speedily resolve

Update

- EN more stable and robust
- Master file migrated
- Tablets issued to assessors
- All issues resolved

TITAN 2.0® Road Map – Cold Chain Value Stream

Cold Chain

- Export Notification – Non FBO's & Non Regulated products
- Container Inspection
- Container Loading
- Electronic Information Pack - API

Container Loading

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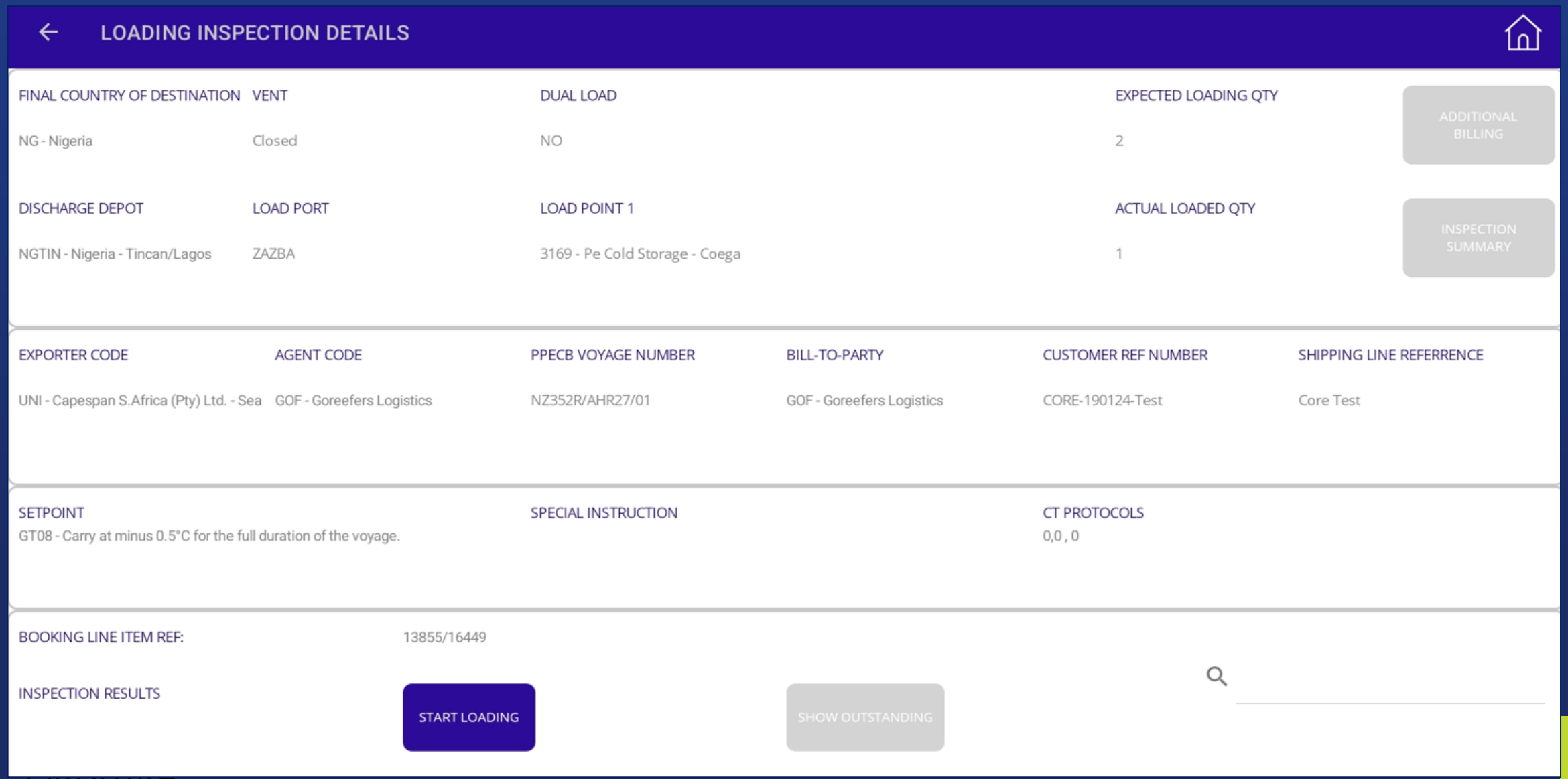

Connecting the dots – as we approach the future

TITAN 2.0

White - Future

Green - Current

Exporter/C&F

Export Notification Module

Container Booking

Schedule 1 has EU Load Specification for EU Regime Codes
Client allowed to amen a confirmed booking b4 it gets locked
Rollover notification has been extended from 48hrs to 72hrs
Allow clients to see different statuses of their booking

Cold Store Inspection

Validate the Loading Point

Cold Store

Container Loading Module

Load Instruction
Container Booking Ref #
Container Number
Mates Receipt

Container Inspection

Validate the Container Number

Assessor

Product Inspection

Validate the pallets

Electronic Export Certificate

Apply for Export Certificate with the container number

eCert / TUM

Update with Loading Results

Apply for Phyto Certificate

TITAN 2.0® Support Model

Product Inspection – APS Act
Operationssystemsupport@ppecb.com

Warren Farmer
GM : Business Optimization

Surina Nel & Jacolien Hough
Business Support Specialist &
Coordinator – Inspection Services

Clement Chiloane
Operations Systems Support
For
Nelspruit/Hoedspruit

& Other
PI - Operations Systems Support
Supporting
Other Regions

Other Agents like
eCert & Software Vendors

Cold Chain – PPEC Act
coldchainosst@ppecb.com

Vijan Chetty
GM : Coastal Division

Kivashni Lutchman
Business Support Specialist

Njabulo Khuzwayo
Operations Systems Support
For
GP; MP; LP

& Other
CC - Operations Systems Support
Supporting
Other Regions

Other Agents like
eCert & Software Vendors

Athienne Summerton
Service Delivery Manager
Application Support

Andile Majodina
Application Development Manager

Testing Environment

Software Development Environment

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TITAN 2.0

We wish you a Fruitful Citrus Season

Looking forward to collaboratively engage with you

Taction Mafatle
TITAN 2.0® Stakeholder Manager

T +27 21 930 1134 | C +27 82 526 6628 | tactionm@ppecb.com

Thank You **Baie Dankie** **Enkosi**