




Terminal Operating System PLUS
The ultimate terminal solution

Challenges

- Complex business environment and logistics processes
- Management challenges
- Inefficiencies
- High level of regulations



More Challenges around the Globe

- Different demands
- Infrastructure issues
- Bureaucracy
- Low resources

Main Issues (incl. Brazil)

- Business needs solutions to reduce cost and increase revenues
- Operations need to comply with local regulations (RFB, Ade 02/03,...), and international (ISPS code, IMO, SOLAS, ...)
- Operations need a multi-purpose and multi-cargo solution
- Corporation needs a multi-terminal solution
- Corporation needs a ultimate solution to cover A-Z terminal processes
- IT needs to apply solutions that develops with the business
- IT needs to mitigate “systems-dependency” and scalability restrictions
- IT needs to prevent workflow disruptions by managing software and hardware integrations



Integration

Collaboration

Innovation



ATHENAS
TOS+

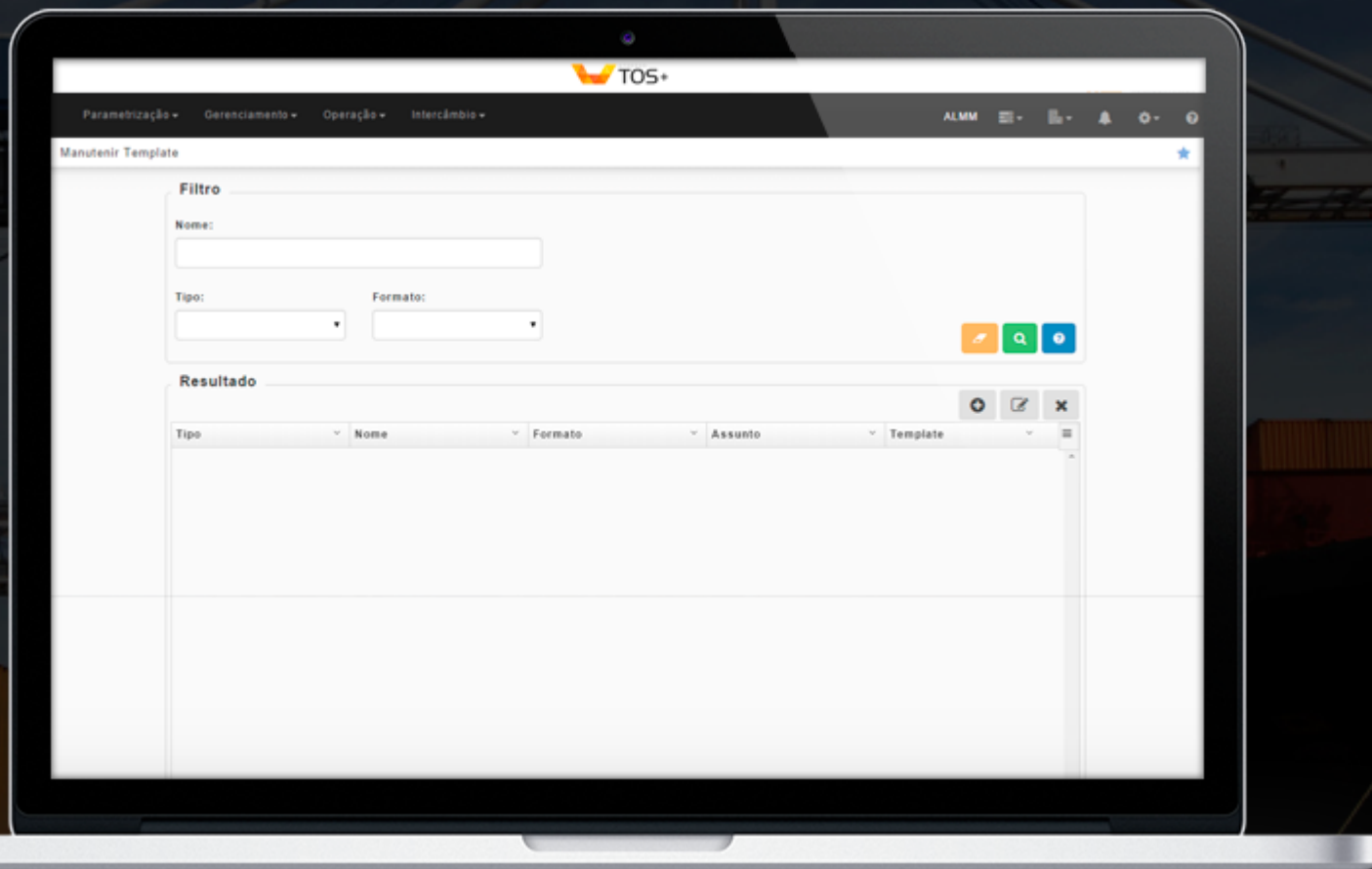
ATHENAS
TOS+ Full Integration : Management + Operations + Legal Requirements



Scanner



Portainer



System
Management



Biometry

Hardware and Software Integration



Making integration a simple task – IoT concept

- Control all hardware from your desk (scanner, weight system, totem, OCR, RTG, Portainer)
- Work pro-actively to prevent workflow disruptions
- Integrate billing and services to your ERP
- Extend the product yourself by using Engeni.U.S platform concept

Hardware and Software Integration



Legal



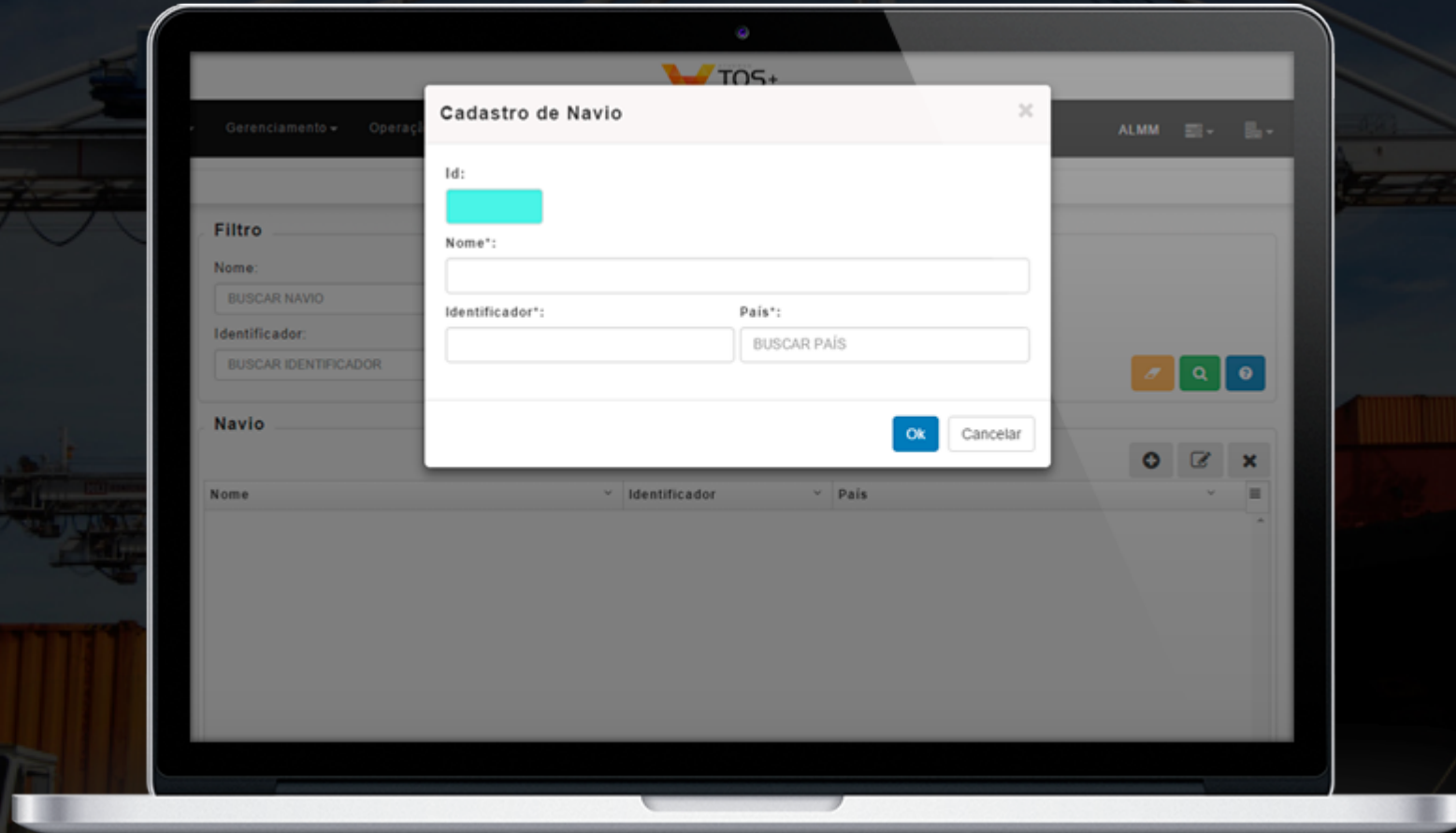
Customs



Automation



Integration



Automation

Legal

Information



Automation in first place!

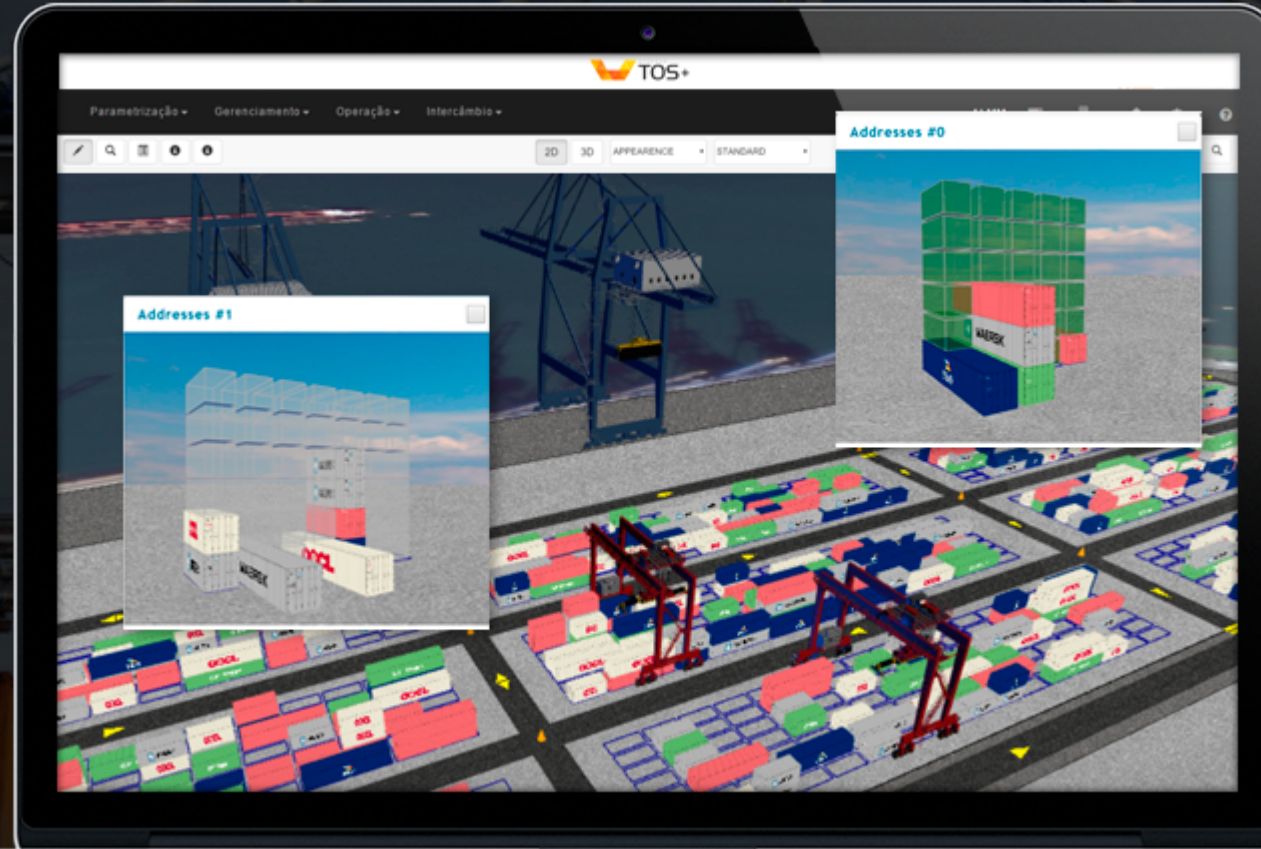
- Reduce your paperwork flow – export/import processes
- Mitigate risks - communicate system-to-system with local authorities
- Give customers and partners the option of accessing information and ordering services online, 24/7.
- Comply with local and international requirements (Customs, ISPS Code, IMO, local authorities)
- Make sure you track and charge all service items with our automatic billing



Yard



Warehouse



Vessel



Equipment

Planning and Optimization



It's all about the best utilization!

- Reduce operating costs by working with planning and optimization concepts
- Increase revenues – best cargo allocation
- Give planners a chance to leverage their skills

Planning and Optimization

Who we help



- Terminals and bonded warehouses
- Of any size (wet or dry port)
- From any logistics model
(Rail, Truck, Barge, Vessel, Aircraft)

Who we help

- General Cargo

- Container

- Solid or Liquid bulk



Underlying Magic

- Logistics processes and businesses oriented tool
- Single tool concept, integrating: management, operations and legal requirements
- Software 100% web and cloud ready
- Gamification concept for planning and operating
- IoE concept to integrate operational hardware
- Scaleup: Commercial model built to scale, serving all size operations, any cargo and model



The background image shows a port scene at dusk or dawn. A large container ship is docked, with its name 'SAVANNAH' visible on the side. A large gantry crane is positioned over the ship. In the foreground, a white truck with a yellow container is driving on the pier. The sky is dark with some clouds.

To learn more about TOS+

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