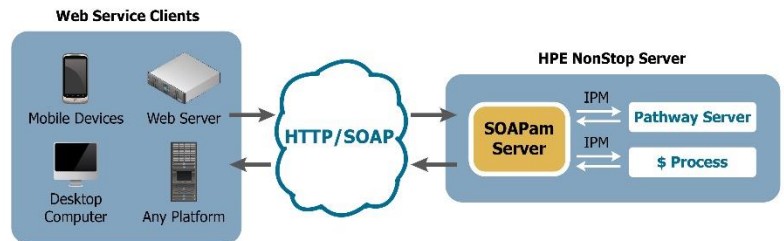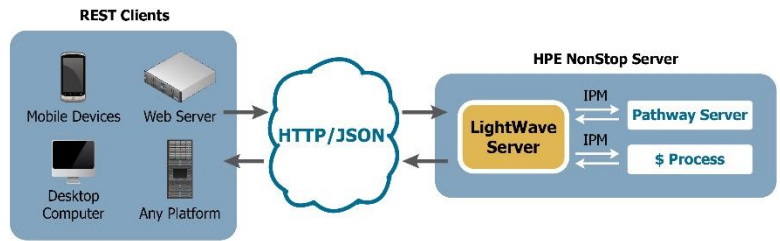# NuWave

Middleware Data Sheet

LightWave Server™ & SOAPam® Server

LightWave Server™ and **SOAPam® Server** allow applications running on virtually any platform to securely access HPE NonStop applications through a standard REST or SOAP Web service interface.

Potential Uses

- Provide services that allow customers and business partners to place orders, check inventory, make payments, etc.
- Allow other enterprise applications to access NonStop-based applications
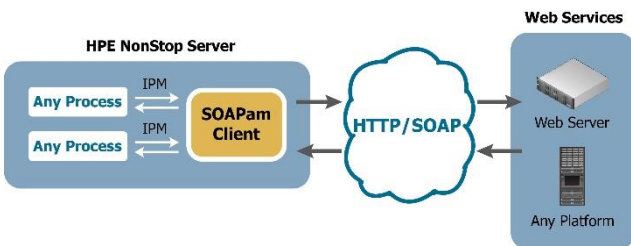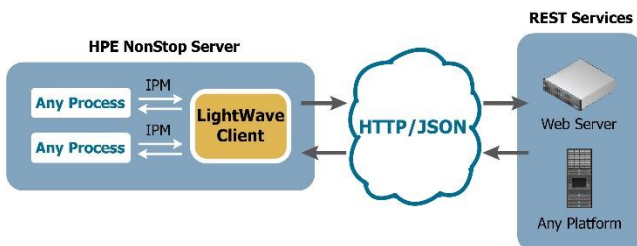- Develop rich graphical UIs to replace legacy green screen applications

LightWave Client™ & SOAPam® Client

LightWave Client™ and **SOAPam® Client** allow applications running on NonStop servers to securely access REST or SOAP Web services anywhere, on any platform or operating system.

Potential Uses

- Use services provided by business partners to check inventory, place orders, obtain delivery schedules, etc.
- Integrate NonStop applications with ERP or CRM systems
- Access real-time securities pricing, currency exchange rates, and other time-sensitive data
- Incorporate centralized authentication and authorization services

Why NuWave Middleware?

1. High Quality
2. Low Total Cost of Ownership (TCO)
3. Support from Middleware Experts

Product Benefits

- Enhance NonStop applications through Web service integration
- Leverage business services on enterprise or global networks
- Respond faster to changing business demands

Product Feature Summary

	LightWave Server™	LightWave Client™	SOAPam® Server	SOAPam® Client
Runs in Guardian	✔	✔	✔	✔
TNS/X	✔	✔	✔	✔
TNS/E	✔	✔	✔	✔
Fault-Tolerant	✔	✔	✔	✔
Transaction (TMF) Support	✔		✔	
Standards				
SSL/TLS	✔	✔	✔	✔
HTTP Authentication	✔	✔	✔	✔
SOAP 1.1			✔	✔
WSDL 1.1			✔	✔
WS-Security				✔
JSON	✔	✔		
DevOps				
Browser-Based Tools	✔	✔	✔	
Command-Line Tools	✔	✔	✔	✔
Performance Monitoring	✔	✔	✔	✔
Event Logging	✔	✔	✔	✔
Statistics Collection	✔ *	✔ *	✔	✔
Diagnostic Logging	✔	✔	✔	✔
HTTP Logging	✔		✔	
*Planned				