SeQent

Real-Time Decision Solutions

Ford ANS Integration

Ford ANS Integration Overview

Ford's ANS application provides a standard text messaging and alarming interface. The system supports sending messages to SMTP, SNPP and TAP destinations. For inputs Web Services (Maximo), BEA MessageQ and TCP/IP sockets interfaces are available.

SeQent's ANS Gateway emulates an ANS Server facilitating the replacement of ANS Servers with SeQent's *First*PAGE and *First*PAGE Alarm Manager products. This solution provides:

⇒ TCP/IP, BEA MessageQ & Web Services interfaces (FTP file drop interface not supported in current release)

⇒ Page requests are dispatched to *First*PAGE including the ability to remap IDs to *First*PAGE Destinations and Distribution Lists.

⇒ Destination protocols supported include SMPP, SMTP(including SSL/TLS), SNPP, TAP, FORDVM, Text-To-Speech Audio, 2-Way Radios, Smartphones and tablets etc.

⇒ Alarm requests are routed to *First*PAGE Alarm Manager to provide wildcarding and alarm escalation via *First*PAGE.

Ford ANS Integration

General Overview

POSMON

TEM

ANS Enabled Application

MAXIMO Web Services

Messaging Server

- BEA MessageQ
- SeQent:
  - ANS Gateway
  - *First*PAGE
  - *First*PAGE Alarm Manager

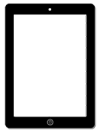
Paging Terminal

Radios

Pagers

Intranet

Mobile Phones



Tablets

Internet

Mobile Phones

Pagers

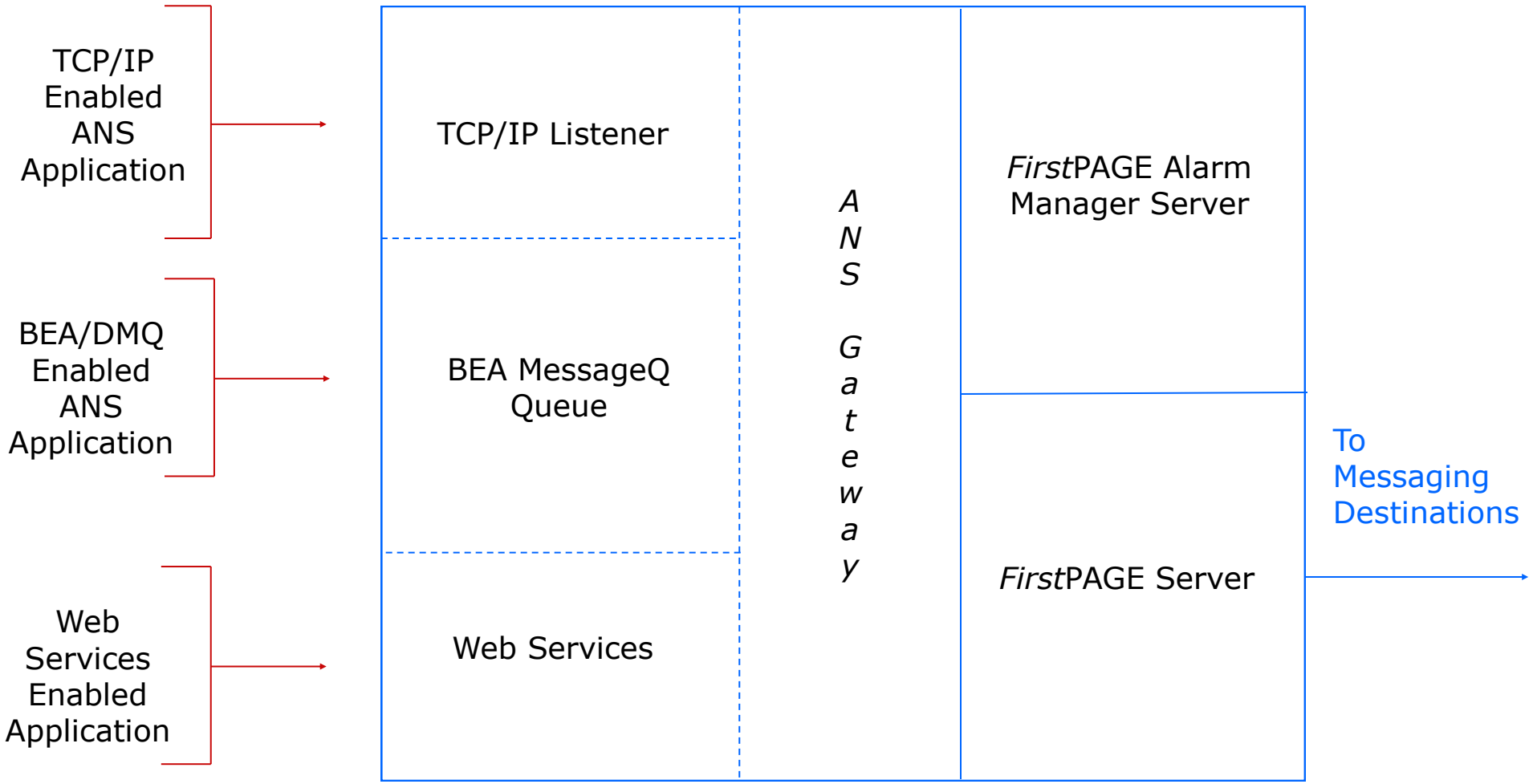
Internet

E-Mail

Data Flow

Ford ANS Integration

Messaging Server Overview



Ford ANS Integration

ID Remapping

Ford ANS

⇒ Page requests include a numeric pager (destination/subscriber) ID and a text message

⇒ Relies on in-house Zetron paging terminals to provide distribution list capability by sending messages to Zetron Group IDs

- Reliance restricts distribution list membership to only Zetron supported devices

SeQent ANS Gateway

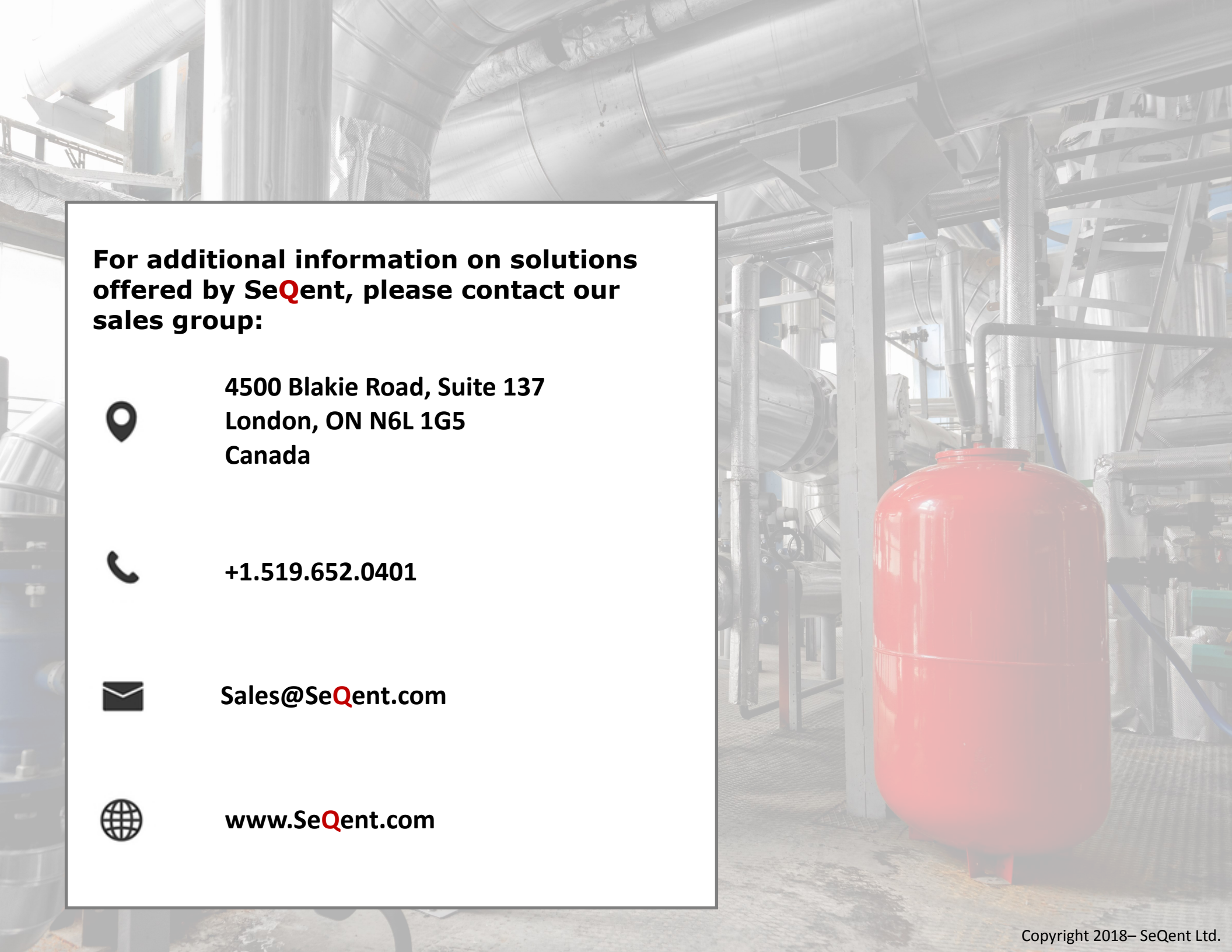
⇒ *First*PAGE is a name based system which abstracts the underlying pager ID and carrier connectivity from the user or application behind a user assigned name.

⇒ Optionally pager ID numbers can be added in the ANS Gateway's remapping feature by selecting "Tools – Mapping".

- Pager ID remapping is supported to a specific *First*PAGE Destination or Distribution List regardless of provider protocol connectivity
- *First*PAGE connectivity methods far exceed that of a Zetron paging terminal.
- More advanced protocols (Internet connectivity, Ford VM hosted devices etc.) may be utilized from any ANS application without specialized hardware (Hark gateways etc.)

⇒ When a page request arrives from an ANS enabled application, the ANS Gateway performs a look up for the pager ID number in a remapping table.

- If a match is found the page request is routed to which ever *First*PAGE Destination or Distribution List is associated with the pager ID (mobile phone, Blackberry, Nextel, Motorola MOTOTRBO radios etc.)
- If no match is found, the page request is passed through to a defined default *First*PAGE Provider, which is usually the in-house Zetron paging system but may be any Provider that *First*PAGE supports.



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