

## Dexdyne's Remote Lift & Elevator Monitoring Solution – Application Note

### Problem

Performance can decline rapidly if lift supervision and maintenance is neglected. Breakdown response time, lift downtime and repair & maintenance costs will all increase. Most importantly, health & safety and customer satisfaction will be compromised.

Letting you know instantly if your lift is working to your pre-defined performance criteria and informing you when it isn't - is what Dexdyne's remote monitoring solution is designed to do.

### Solution

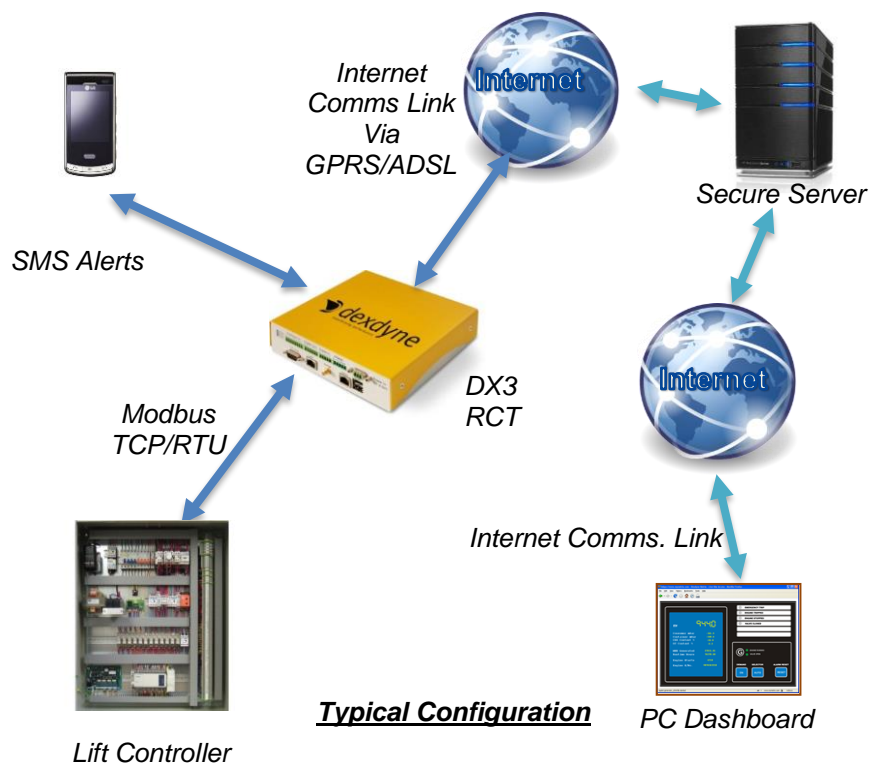
Our web-based solution lets you monitor all your lifts at once 24/7 from a single log-in over the internet and can warn you via instant SMS message if an installation requires attention. It also enables you to compare the performance between different lifts and/or sites and analyse performance trends.

The Dexdyne system will enable you to: (a) reduce operational costs and prolong the life of your assets; (b) improve fault response times and maximize lift uptime; (c) schedule effective preventative maintenance where required; (d) increase customer satisfaction & confidence; (e) improve operational efficiency; and (f) demonstrate a commitment to high health & safety standards.

Any available lift parameters (e.g. energy consumption, run hours, temperature, speed etc.) can be monitored by Dexdyne's remote communication terminal (RCT) either via a serial RS485/RS232 connection to a microprocessor based lift controller or by reading signals from digital and analogue sources directly.

### Key Features

- Real-time lift status information displayed via web pages.
- SMS alerts sent to engineer(s) when a lift needs service or attention.
- Fully interactive graphing capability can display long term trends.
- Pre-emptive maintenance due to trend monitoring resulting in reduction in expensive breakdowns.
- Ability to instantly see status of multiple sites from a single login on the web.
- Can be retrofitted to existing lift installations irrespective of manufacturer.



## Application

Whether you have one lift on a site to monitor and maintain or multiple sites with multiple lifts, Dexdyne's remote monitoring solution alerts you immediately to any important activity on site either via SMS alerts and/or the web-based **Dashboard** services. An engineer can then evaluate and respond to such alerts as appropriate.

Custom **Dashboard** status pages can be developed to show at a glance status indications and other vital information for all active sites.

Each RCT keeps a time-stamped event log that records when any state change occurs, such as when the lift starts and stops and on which floor etc. - giving a valuable insight into the use of the equipment at any given location. The RCT will also send out an immediate SMS alert when a lift process is not working within the parameters configured by you.

If you have a fleet of lifts to manage 24/7, no problem! If you need a report in Excel showing statistics from each site (or from multiple sites on a consolidated basis) it can be automatically emailed to you each day, week, month etc. showing usage and allowing you to determine how well your sites are being maintained.

Try our [LIVE](#) demonstration Username: demoUser Password:  
visitor

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