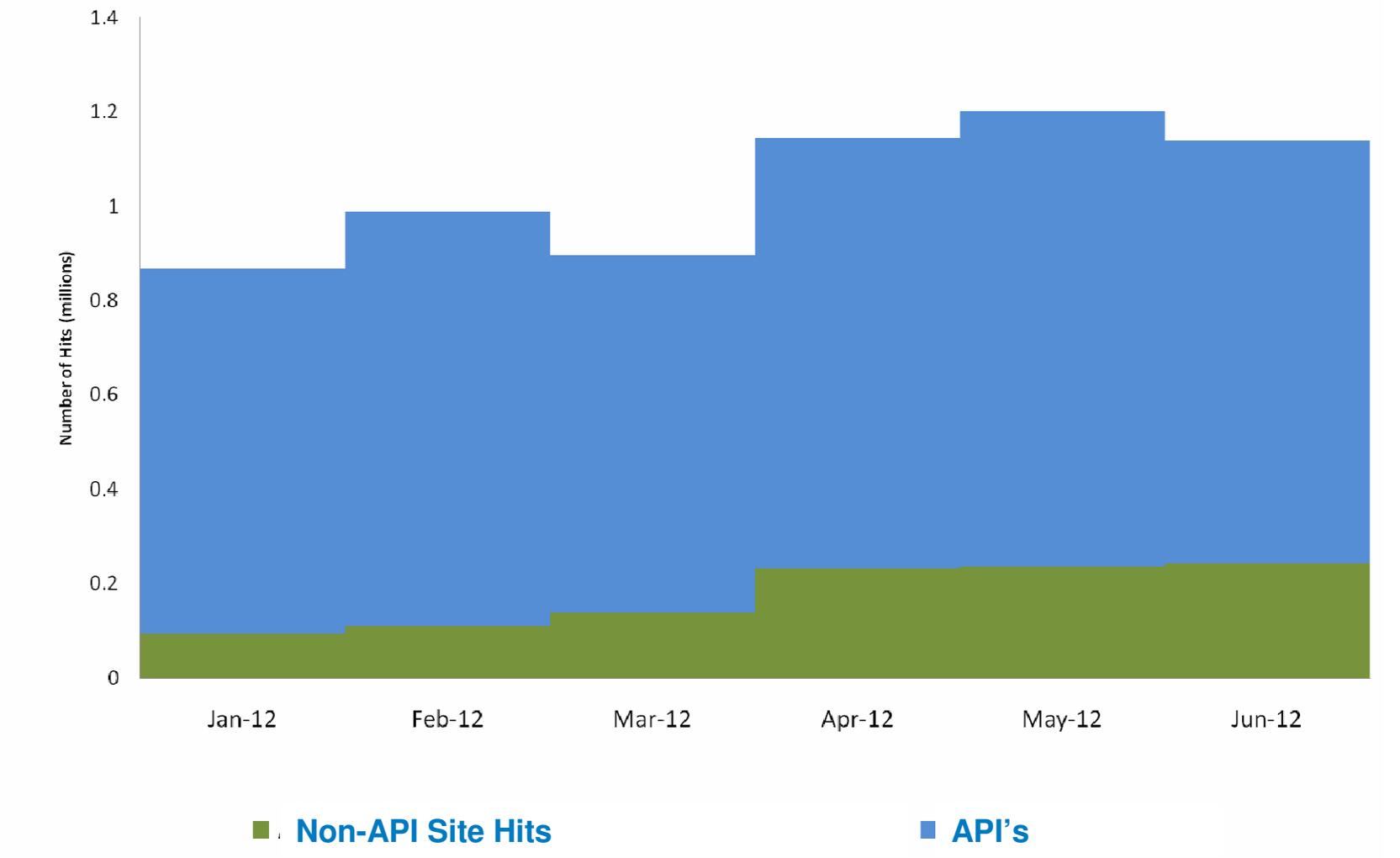


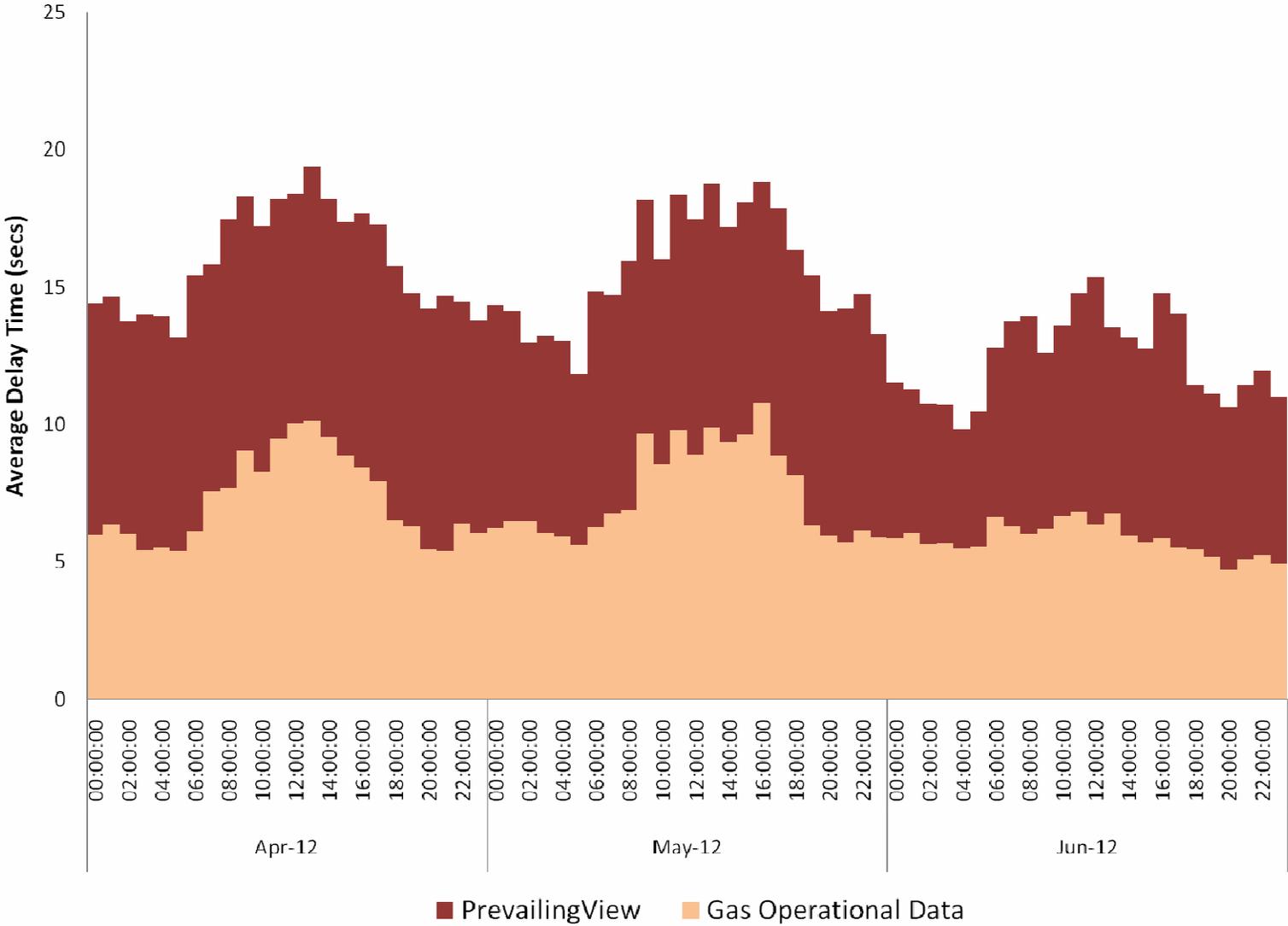
MIPI Performance



MIPI Performance –Avg daily Hit Count



MIPI Performance – Average Load Times



MIPI Performance – Usage Load factors

- Load factors (number of requests received / volume of data downloaded) have a significant impact on MIPI speeds and performance
- Current loads are a number of times in excess of system specification

MIPI Performance – Usage Load factors

- Enhanced monitoring of MIPI usage has commenced
- It is evident that a relatively small number of users may be the source of a disproportionate load
- Analysis of a sample day in June shows that 455 distinct users could be identified, of which 30 users were the source of up to 91% of the total load.

MIPI Performance – Usage Load factors

MIPI (Market Information) Top 10 by number of data requests

Source IP	Organisation	No of Requests	Volume of download (MB)
Concealed	Company 12	83,317	1,937
Concealed	Company 23	38,522	9,384
Concealed	Company 15	36,180	14,039
Concealed	Company 14	34,626	102
Concealed	Company 7	18,621	1,660

Top 10 by total requests =

67% of total requests

MIPI (Market Information) Top 10 by total data volume

Source IP	Organisation	No of Requests	Volume of download (MB)
Concealed	Company 20	460	45,611
Concealed	Company 13	7,946	37,803
Concealed	Company 30	757	33,561
Concealed	Company 15	36,180	14,039
Concealed	Company 30	278	10,449

Top 10 by total data volume =

91% of total volume

MIPI Performance – Usage Load factors

RTFD (Instantaneous Flow Data) Top 10 by number of data requests

Source IP	Organisation	No of Requests	Volume of download (MB)
Concealed	Company 14	158,609	94
Concealed	Company 4	14,170	83
Concealed	Company 25	11,147	7
Concealed	Company 4	7,814	40
Concealed	Company 10	3,958	43

Top 10 by total requests =

81% of total requests

RTFD (Instantaneous Flow Data) Top 10 by total data volume

Source IP	Organisation	No of Requests	Volume of download (MB)
Concealed	Company 5	540	464
Concealed	Company 2	600	299
Concealed	Company 20	1,212	250
Concealed	Company 13	1,065	224
Concealed	Company 27	1,124	154

Top 10 by total data volume =

75% of total volume

MIPI Performance – Usage Load factors

- Contact has been made direct with users identified as the source of excess load
- Challenge associated with contacting the right individuals or teams within organisations
- Various types of users, not all within UK

MIPI Performance – Usage Load factors

- Tactical asset health initiatives are ongoing
- Help and advice on publication frequencies, use and availability of data is available
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