

# MIPI Performance



## MIPI Performance – Usage Load factors

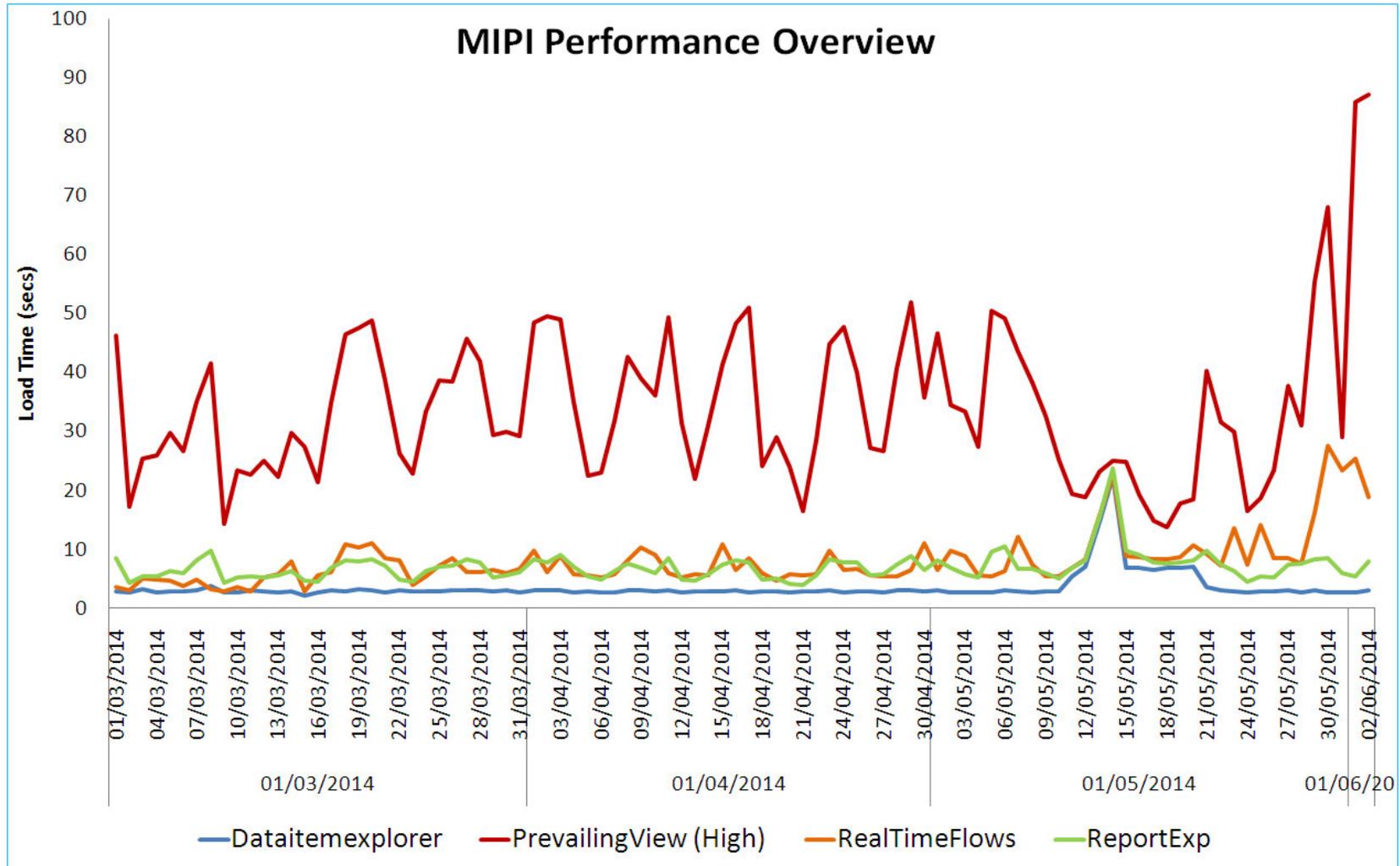
- Load factors (number of requests received / volume of data downloaded) have a significant impact on MIPI speeds and performance
- Current loads are a number of times in excess of system specification

## MIPI Performance – Usage Load factors

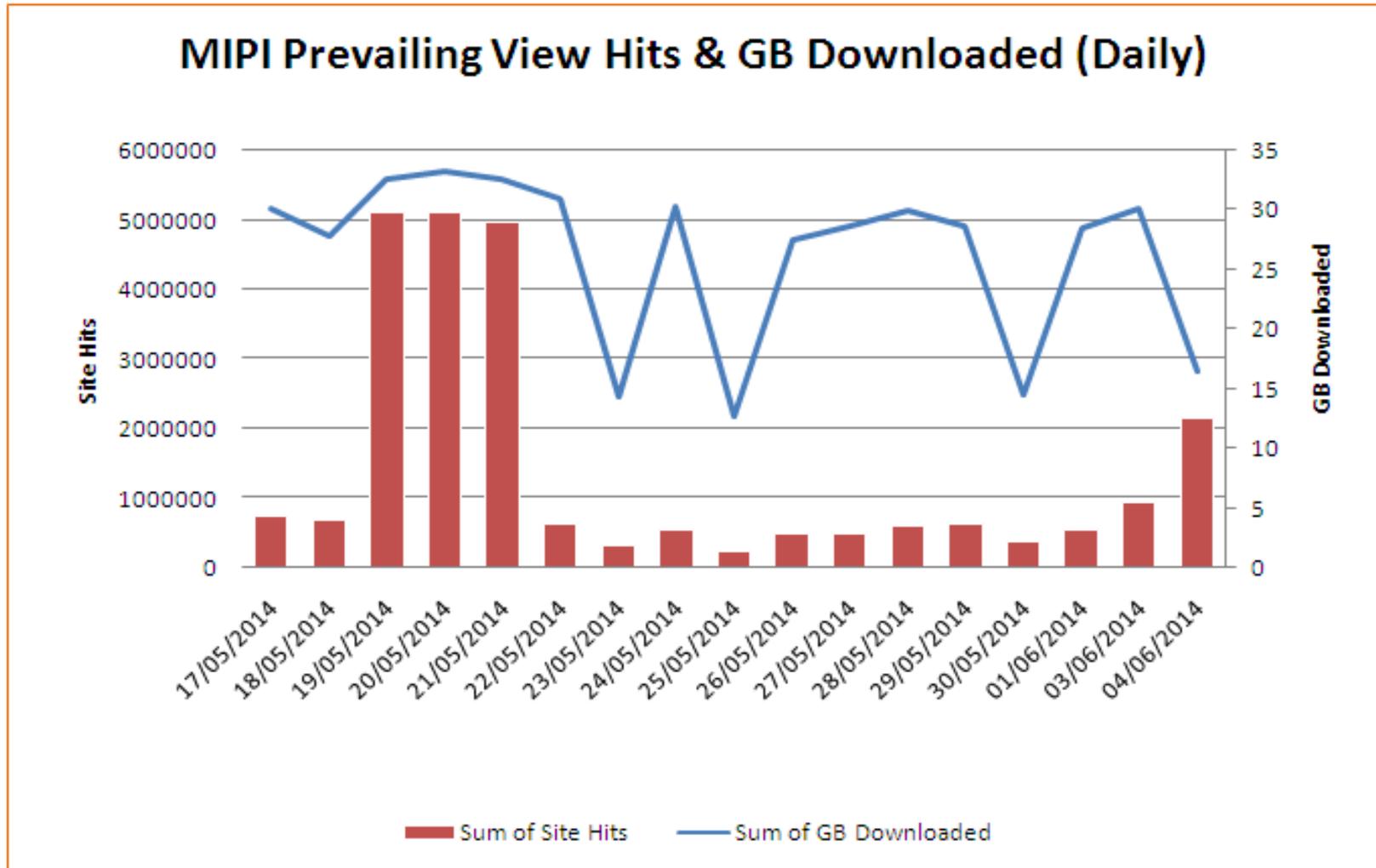
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- Enhanced monitoring of MIPI usage is continuing
- It is evident that a relatively small number of users may be the source of a disproportionate load
- Analysis of a sample day in May shows that distinct users could be identified, of which only 5 users were the source of up to 96% of the total load.

# MIPI Performance – Average Load Times

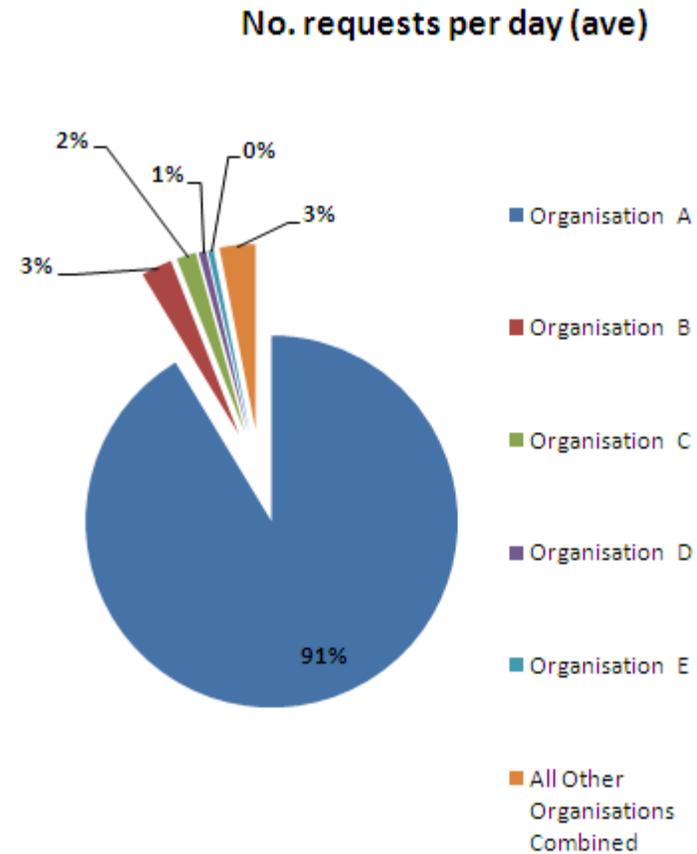


## Market Information – Data Acquisition



# MIPI Performance – Usage Load factors

| Top 5 MIPI Users                 | No. requests per day (ave) | Volume of Download (GB) per day (ave) | Approx hits per hour | % total hits each day |
|----------------------------------|----------------------------|---------------------------------------|----------------------|-----------------------|
| Organisation A                   | 4,661,528                  | 5.87                                  | 194,230              | 91.4%                 |
| Organisation B                   | 137,768                    | 3.94                                  | 5,740                | 2.7%                  |
| Organisation C                   | 86,564                     | 3.40                                  | 3,607                | 1.7%                  |
| Organisation D                   | 32,522                     | 1.94                                  | 1,355                | 0.6%                  |
| Organisation E                   | 24,638                     | 1.58                                  | 1,027                | 0.5%                  |
| All Other Organisations Combined | 160,000                    | 3.21                                  | N/A                  | 3.1%                  |

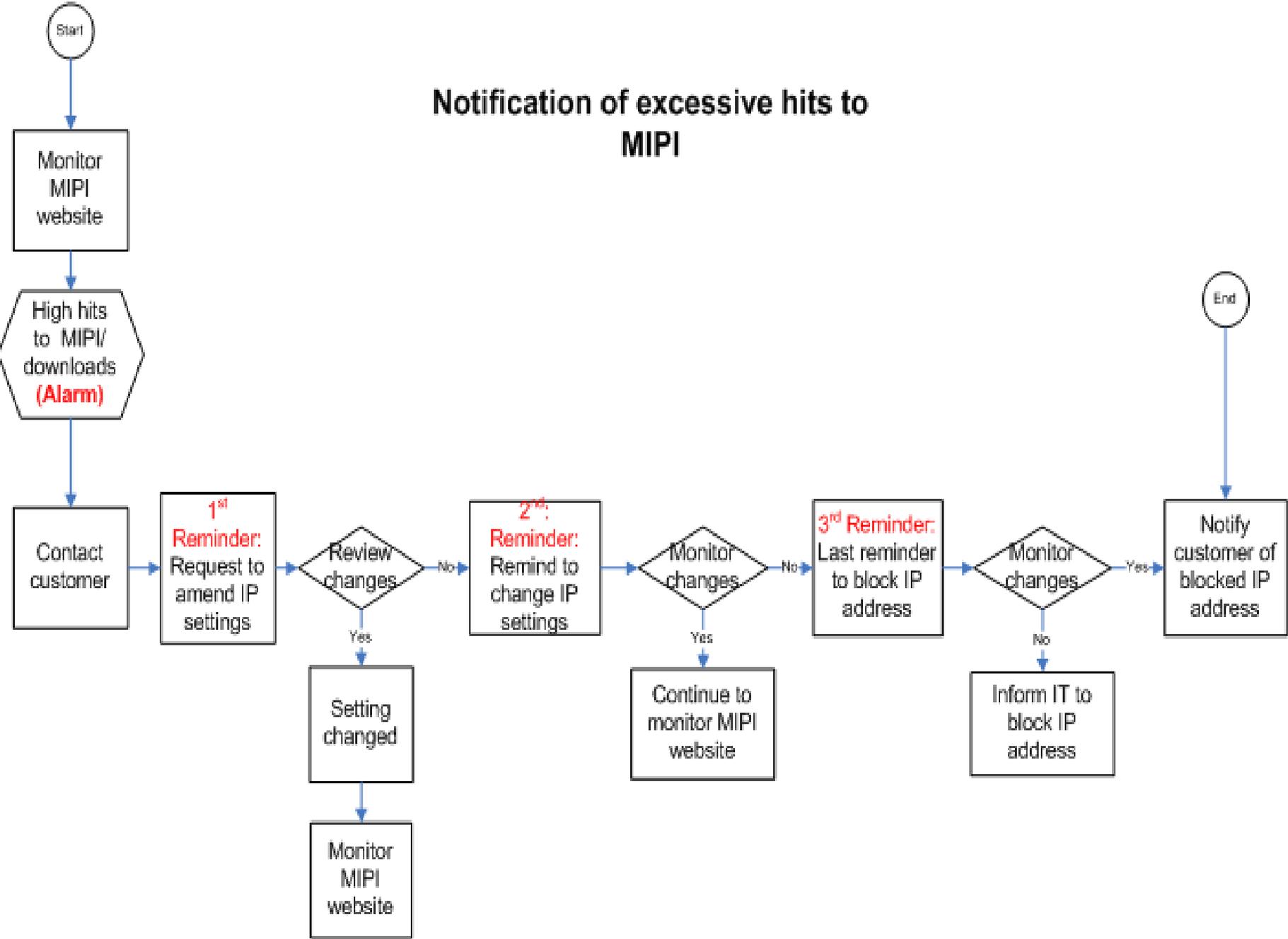


|                         |            |             |          |
|-------------------------|------------|-------------|----------|
| <b>Optimal Hit Rate</b> | <b>120</b> | <b>0.01</b> | <b>5</b> |
|-------------------------|------------|-------------|----------|

## 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

# Notification of excessive hits to MIPI



## 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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