The Power of a PQube Network !







- QubeView 란?
- 흩어져 있는 PQube, PQube3 를 SQL 서버가 5분 주기로 자동으로 이벤트를 가져와서 통합관리 하는 소프트웨어임.
- 개별 장치의 이벤트 저장 데이터를 개별적으로 접근하지 않고, 통합 QubeView 에 들어가서 검색, 관리하며, 버리는 이벤트를 하나도 없도록 함.
- CSV 파일을 이용하여 정밀 계측 파형 조사 기능 제공과 장기간 트렌드 제공, EN50160 보고서 작성 기능 제공
- PC 서버급 운영 가능하고, 유료 옵션으로 저렴하게 판매함.

PSL QubeView

Concept and Configuration





어디에 연결될 수 있는가?

- PQube (PQube3) 는 감동적인 센서임.
- PQube 센서들의 네트워크는 혁명적임.
- QubeView quick demo 을 경험해 보시기 바람.





Device Tree / Time Selector



Help



Device Tree / Time Selector



| From to | ~ | |
|-------------|-------------|--|
| From: | To: | |
| 5/ 1/2016 ~ | 5/31/2016 ~ | |

Press the + sign on the DEMO folder, press the shift Key and click on the PSL Main Entrance to Select all three sites

Select the date from the dropdown menu from May 1 to May 31 2016



Device Tree / Time Selector







Event Summary List for the three sites



| Administration: 1 | | | | | | | | |
|-------------------|----------------------|--------------------------|--------------------------|---------|---------------|------|--|--|
| 0 4 | | | | | | | | |
| | EVENT SUMMARY LIST * | | | | | | | |
| h \$21214 - | | Tex C | | | | | | |
| | Faterans | Tretarp | + Latigs | Haptula | Duration (ii) | han | | |
| | PS. Her Stratos | 21/05/02/14 12:02:08.040 | Separat | | | | | |
| | PSL Har Greater | 25/05/22/96 12:02:08 285 | Search | | | | | |
| - | PD, No. Street | 2545-00111-4525-077 | Fulse A Recharged Deck. | | | | | |
| - | PS. Mar Bears | 26/05/0014 11 04/21 08/2 | Polar A Nechanical Stock | | | | | |
| Contra Line - | Pl, the living | 26/09/0016 /0 5410.107 | Polie A Netherical Brok. | | | | | |
| Transvil Crage | PS: Star Service | 25/05/2016 12/02/2/20 | Snapshot | | | | | |
| | Household Consulton | 24/96/0014 14/06 41 MD | Yellogr Seg | 0.X1 | 3.26 | 120 | | |
| Sector Sector | Hearthold Consultan | 24/05/2016 10:40/67/574 | Voteor Dea | D4 14 5 | 341 | UA | | |
| | 75 Not Desize | 24-95-0214 U-0034 Base | Supplier | | | | | |
| | Hawked Conspirer | 24/05/00M (0:5016 5M | Testage Seg | 47161 | 0.12 | 154 | | |
| | Rottop Salar | 26/05/0216/02 49:06:00 | Votage Sag | 67773 | 217 | L'A | | |
| | PS; Rer Strates | 23/96/2014 12:02:06.508 | Segulat | | | | | |
| | PSL Har Detroits | 23/05/02/10 TF 54/13:303 | Fede A Robancel Drock | | | | | |
| | PSt. Blue Stewart | 22/05/22/06 12:02:34 340 | Septe | | | | | |
| | Pl. Not States | 211-05-1014 12-00 to 407 | Superior | | | | | |
| | PS. Met Street | 30-05-0146-12-00:02 770 | Superior | | | | | |
| | PS; Nar Stimes | 19/05/2016 G/0007/76 | Srapeter | | | | | |
| | PS, Mar Gerania | 10.05/2016 10 19:25 525 | Wavehan Dongs | | | 11.6 | | |
| | PS, Nor Streets | 15-05-2016 12:00 01:207 | Snapshot | | | | | |
| | PD. Non-Strenue | 10.455-2014 NO 15.52.521 | Waveshipe Design | | | 124 | | |
| | PD, Mar Distance | 10-05-0CH 00-10-19-585 | Federal Victorian Track | | | | | |
| | PSL Har Detects | 10/05/2014/08 01:21 204 | Peda E Pachancel Stock | | | | | |
| | PSL Har Unrates | 11/05/22/14 12:02:30.000 | Singular | | | | | |
| | PSL Har Greener | 11/05/3011 10:50:30 428 | Waveshapt Diarga | | | 124 | | |
| | PSL Rev Distance | 1645-006 12-0028-92 | Septid | | | | | |
| | PS, Her Strengt | 19-05-0219-19-15-18,296 | Fade A Roberts' Book | | | | | |
| | PS, Mar Bernita | 15/05/0016 12:00/08/540 | Sneether | | | | | |
| | revenue Conversion | 14/95/2016 18 JACI 4 489 | 875 | 39242 | 225 | UA. | | |
| | PSi, Mari Bergron | 14:36 (2.14 H 12:28 (2.8 | Febs A Robarcal Shok | | | | | |
| | PS, Nor Greene | 14/06/2016 12:0227-008 | Snewton | | | | | |
| | Heartold Conaston | 1445-254-30 (5.36 (74 | Salaya Sag | 間273 | 0.0 | 150 | | |
| | Rodico Stár | N-05-02NI-00-05-07-588 | Siday Say | 81.M.2 | 1.0 | 150 | | |
| | PSL Hart Distance | 12/06/2014 (2:02:06 560) | Stapitor | | | | | |
| | PSL Har breaton | 12/06/2014 09:21:02:007 | Wavehare Drange | | | 134 | | |
| | Household Consignor | 1246-2216-0151-28348 | Yellogo Sag | 4115 | 2.71 | 1/8 | | |
| | Postos Salar | 12/05/22/06 (0.51.36.007 | Voluce Sea | 4311 | 0.10 | 104 | | |

Event Summary List Activated



SORT BY NAME

Rooftop Solar Site in Croatia

| EVENT SUMMARY LIS | × | | | |
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| New list G | | | | |
| ist 1 🛛 🕹 | | | | |
| PQube name | In *amp | ✓ Event type | Magnitude | Duration [s] |
| SL Main Entrance | 27/05/2016 12:00:38:848 | Snapshot | | *0 |
| SL Main Entrance | 26/05/2016 12:00:38:285 | Snapshot | | ¥0 |
| SL Main Entrance | 26/05/2016 11:45:25.677 | Probe A Mechanical Shock | - | 20 20 |
| SL Main Entrance | 26/05/2016 11:04:21.062 | Probe A Mechanical Shock | é. | ÷) |
| SL Main Entrance | 26/05/2016 10:54:10.187 | Probe A Mechanical Shock | | |
| SL Main Entrance | 25/05/2016 12:00:37.230 | Snapshot | - | e.) |
| lousehold Consuption | 24/05/2016 14:06:41.563 | Voltage Sag | 84.76 % | 0.35 |
| lousehold Consuption | 24/05/2016 13:43:47:574 | Voltage Sag | 84.14 % | 0.41 |
| SL Main Entrance | 24/05/2016 12:00:36:644 | Snapshot | * | ÷ |
| lousehold Consuption | 24/05/2016 08:50:18:596 | Voltage Sag | 47.96 % | 0.17 |
| looftop Solar | 24/05/2016 08:49:56.869 | Voltage Sag | 47.77 % | 0.17 |
| SL Main Entrance | 23/05/2016 12:00:35:588 | Snapshot | | ¥5 |
| SL Main Entrance | 23/05/2016 11:54:13.933 | Probe A Mechanical Shock | - | 20. |
| SL Main Entrance | 22/05/2016 12:00:34.843 | Snapshot | ÷ | ÷). |
| SL Main Entrance | 21/05/2016 12:00:33:607 | Snapshot | | |
| SL Main Entrance | 20/05/2016 12:00:32.770 | Snapshot | | |
| Ci Main Francisco | 19/05/2016 12:00:31 758 | Considert | | |

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|---|---|---|---|
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| - | 1 | | 7 |

Double click on column [PQube name]

| New list | Timestamp 24/05/2016 08:49:56 869 12/05/2016 08:49:56 869 | Event type | Magnitude | Duration fol |
|--|---|--------------------------|---|--------------|
| Ist 1 × POube name Rooftop Solar Rooftop Solar PSL Main Entrance PSL Main Entrance | Timestamp 24/05/2016 08:49:56.869 12:05:2016 01:51:36:987 | Event type | Magnitude | Duration (a) |
| POube name Roottop Solar Roottop Solar Roottop Solar PSL Main Entrance PSL Main Entrance | Timestamp 24/05/2016 08:49:56.869 12/05/2016 01:51:26:997 | Event type | Magnitude | Duration (a) |
| Rooftop Solar Rooftop Solar Rooftop Solar PSL Main Entrance PSL Main Entrance PSL Main Entrance | 24/05/2016 08:49:56.869 | | Charles and the second s | Duration [a] |
| Rooftop Solar Rooftop Solar PSL Main Entrance PSL Main Entrance PSL Main Entrance | 12/05/2010 01 51:20 007 | W. sge Sag | 777% | u.*7 |
| Rooftop Solar PSL Main Entrance PSL Main Entrance PSL Main Entrance | 13/03/2016 01:51:36.897 | Voltage Sag | 48.08 | 0.11 |
| PSL Main Entrance PSL Main Entrance PSL Main Entrance | 14/05/2016 08:55:37.569 | Voltage Sag | 68.48 % | 0.12 |
| PSL Main Entrance PSL Main Entrance | 11/05/2016 12:00:25.468 | Snapshot | - | • |
| PSL Main Entrance | 04/05/2016 12:00:29:249 | Snapshot | | N |
| | 21/05/2016 12:00:33.607 | Snapshot | | e., |
| PSL Main Entrance | 22/05/2016 12:00:34.843 | Snapshot | - | • |
| PSL Main Entrance | 20/05/2016 12:00:32.770 | Snapshot | - | 10 C |
| PSL Main Entrance | 19/05/2016 12:00:31.758 | Snapshot | - | |
| PSL Main Entrance | 27/05/2016 12:00:38.848 | Snapshot | | 13 |
| PSL Main Entrance | 04/05/2016 09:29:21.817 | Probe A Mechanical Shock | - | 1.53 |
| PSL Main Entrance | 05/05/2016 16:38:08.408 | Probe B Mechanical Shock | | |
| PSL Main Entrance | 04/05/2016 16:13:58.439 | Probe A Mechanical Shock | - | : 22 |
| PSL Main Entrance | 04/05/2016 16:07:14.059 | Probe B Mechanical Shock | - | • |
| PSL Main Entrance | 12/05/2016 12:00:26:334 | Snapshot | | · • · |
| PSL Main Entrance | 04/05/2016 03:32:37.361 | RVC | 3.02 △ % | 0.009 |
| PSL Main Entrance | 18/05/2016 12:00:31.207 | Snapshot | | • |

Other sorting options



Rooftop Solar Site in Croatia

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| EVENT SUMMARY L | | | | |
| New list | | | | |
| ist 1 × | | | | |
| PQube name | ✓ Timestamp | Event type | Magnitude | Duration [s] |
| Rooftop Solar | 10 09 49 56 869 | Voltage Sag | 47.77 % | 0.17 |
| Rooftop Solar | 77 | Voltage Sag | 48.08 % | 0.11 |
| Rooftop Solar | 14/05/2016 08:55:37.569 | Voltage Sag | 68.48 % | 0.12 |
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Double click on Rooftop Solar 14/05/2016 08:55:37.569 Voltage Sag Event



Rooftop Solar Site in Croatia







Rooftop Solar Site in Croatia





Rooftop Solar Site in Croatia





ZOOM MODE

Rooftop Solar Site in Croatia



Click on the Zoom button Until it looks like the one above



If you get in trouble Press the un-zoom button



ZOOM MODE

Rooftop Solar Site in Croatia



Click-hold, then draw a box around the two RMS voltage and current, release the click.





TRENDS FROM TWO DEVICES Roofton Solar Site in Croatia and Household Consumption





TRENDS FROM TWO DEVICES

Rooftop Solar Site in Croatia and Household Consumption





ENERGY MANAGEMENT

PSL Main Service Entrance June 1&2 2016 Comparison





ENERGY MANAGEMENT

PSL Main Service Entrance June 1&2 2016 Comparison





IDEAL PROFILES

Ideal Energy Profiles Rooftop Production





COMPLIANCE REPORT PSL Main Service Entrance

| QubeView[admin] (demo) | | | _ |
|-------------------------|--|--|------------------------------|
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| Time period: | COMPLIANCE REPORT | | |
| From to ~ | General settings | Generated report | Profile: EN50160 LV D. 🗸 🗸 🔕 |
| HIERARCHY BY PROPERTIES | Report section ayout | Report directory C:\QubeView\Reports | |
| e 💼 Demo | Report | Report file name EN 50160 LV X | |
| Household Consuption | Clict on file to ope | n: .docx | |
| | Date range | Generate n w Schedule generation | |
| | From to From: To: 4/25/2016 5/31/2016 | | |
| | Selected weeks: 5 | Choose PSL Main entrance | |
| | | Click on the EN50160 Icon | |
| | | Change the period to 7 Days and click OK | |
| | | Click on the EN50160 LV.docx | |



OTHER OPTIONS One or more Sites Options

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| | User defined PQube properties | | |
| PS | Multi-PQube upload templates Show in Web Browser | | |
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| | Show data in Windows Explorer | | |
| | Download + | Download now | |
| | Analysis • | Schedule download | |
| | Report | | |
| | Remove PQubes | | |
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