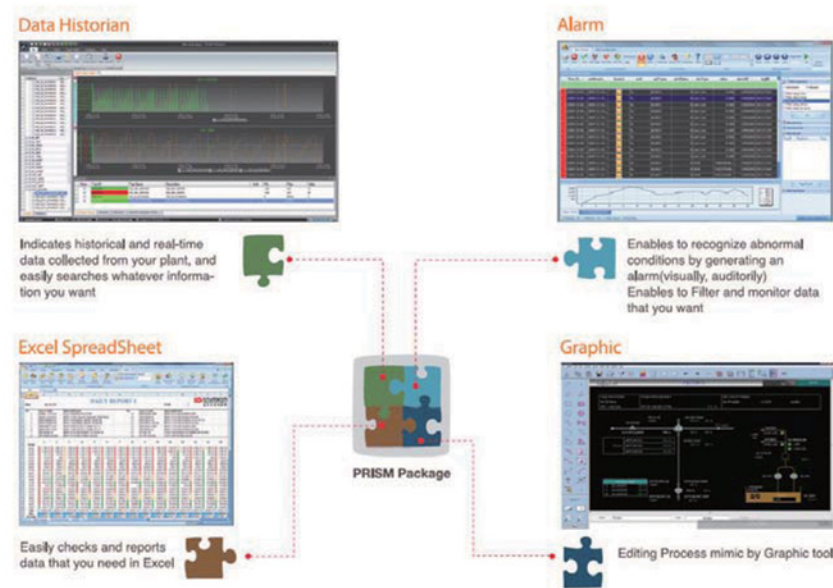
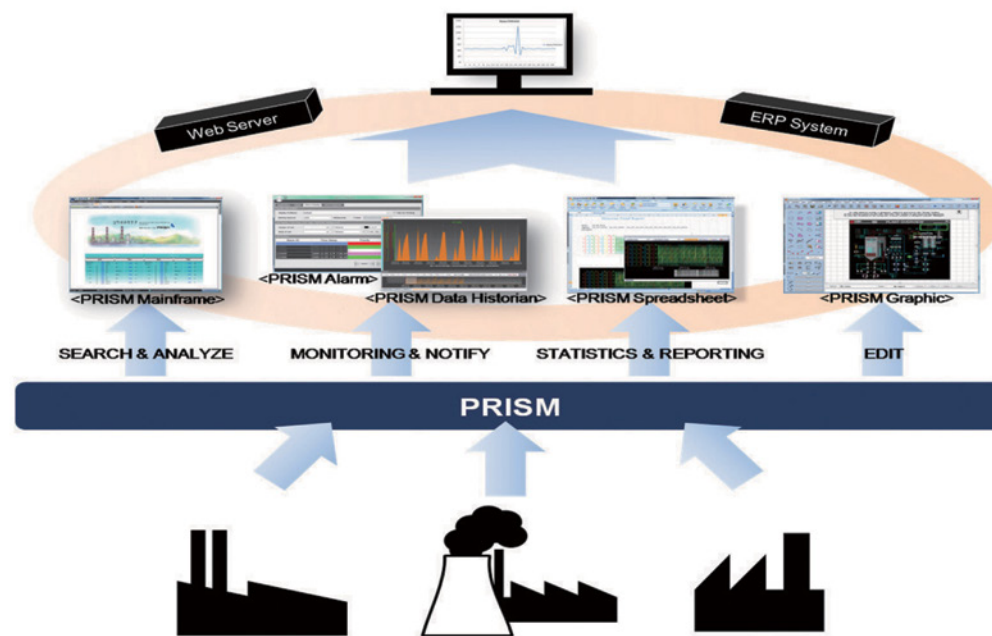


## 3 PRISM(Plant Real-time Information Smart Manager)

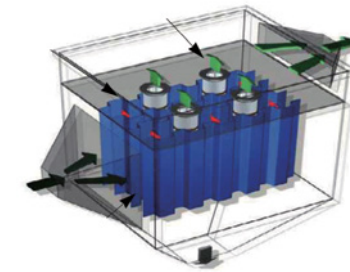
- Reduce Data Search & Processing time
- High Expandibility / Flexibility / Reliability
- Quick Data Search & Process
- Quick & Right Decision



## A. PRECIPITATOR

### 1 HI-FILTER system™(Hybrid Electrostatic Precipitator)

- Regulation standard less than 5mg/Sm<sup>3</sup>
- Performance 99.9% based on dust (filtering speed 5m/min)
- Removal ratio less than 10μm
- Cost Saving(Maintenance) by 50~60%



## B. DUST COLLECTOR

### 1 BAG FILTER system™(Bag Filter System)

- Integrated type of filter and dusting
- High utilization of space
- Preventing fire system
- Prevent clogging of filter cloth
- Long durability of filter cloth
- Dust collecting efficiency more than 99%



### 2 CY-BAG FILTER system(Green Bag Filter System)

- Integrated type of filter and dusting
- Long durability of filter cloth
- Cost Saving(Maintenance) by 30%
- Cost Saving(Installation) by 30%



### 3 Hopper Type Dust Collector

- Various Processing Flow & Filtering velocity
- Compressor air pressure : 2.5~4.5kg/cm<sup>2</sup>
- Power : 220V single phase, 220/380V 3 phase, 440V 3 phase



### 4 Silo Bin Vent Dust Collector

- Top Mounted on Silo
- Easy Replacement of Filter
- Less Space for Installation



### 5 Draw Type Dust Collector

- Digitalized Operation
- Easy Replacement of Filter
- Dust Collecting Efficiency : 99.95% (for 0.2μm/2μm)



### 6 Central Dust Collection Cleaning System

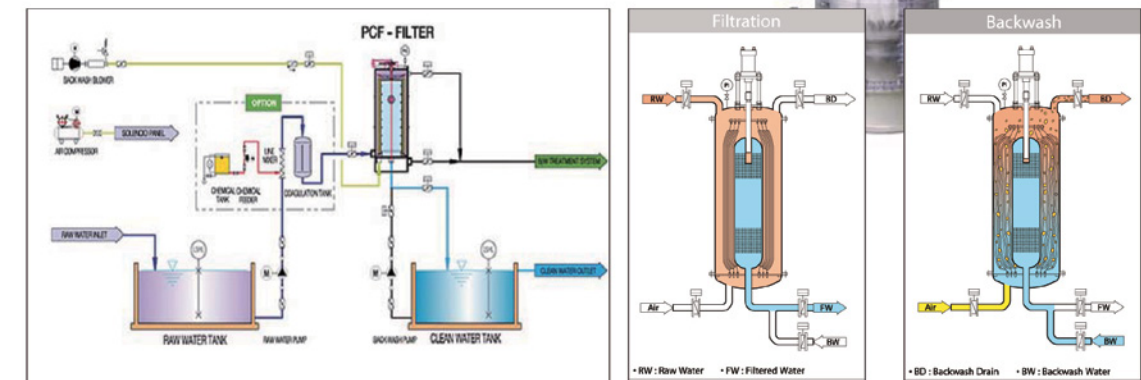
- Packaged Cleaning System
- Digitalized Operation
- Less Space for Installation



## C. WATER FILTRATION SYSTEM

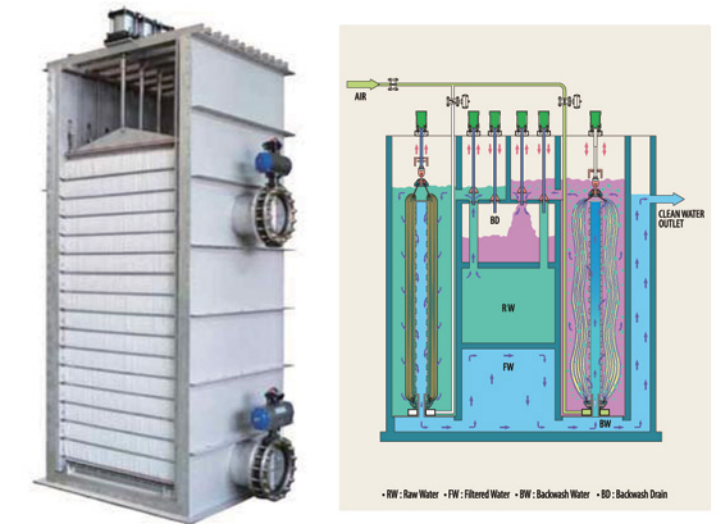
### 1 PCF(Pore Control Fiber) Filter

- Efficiency - over 90% & Suspended solid
- Average 0.8m<sup>3</sup>/l and below
- Back-washing time (1~3minutes)
- Volume of back-washing water(0.5~3% of treated water)
- PP & Nylon materials - Full automatic operation
- After the back-washing operation, it is automatically returned to the filtration process by the pre-set



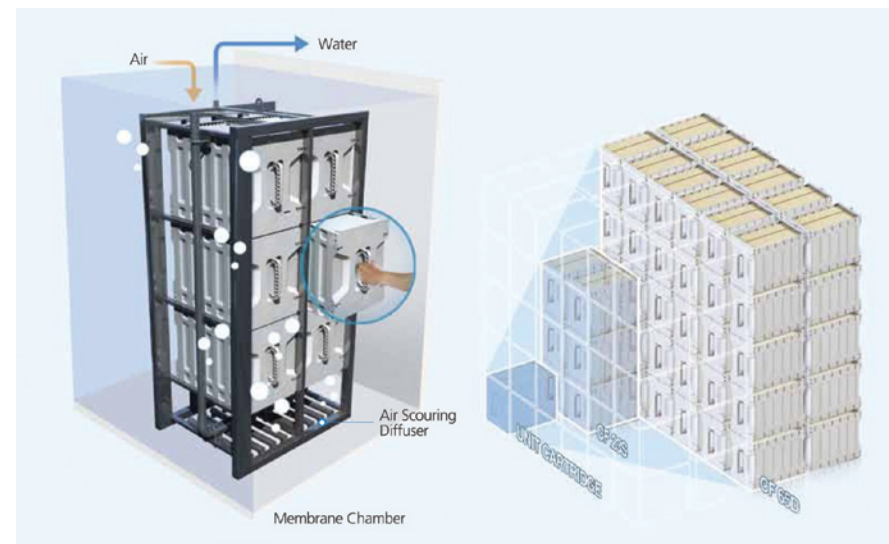
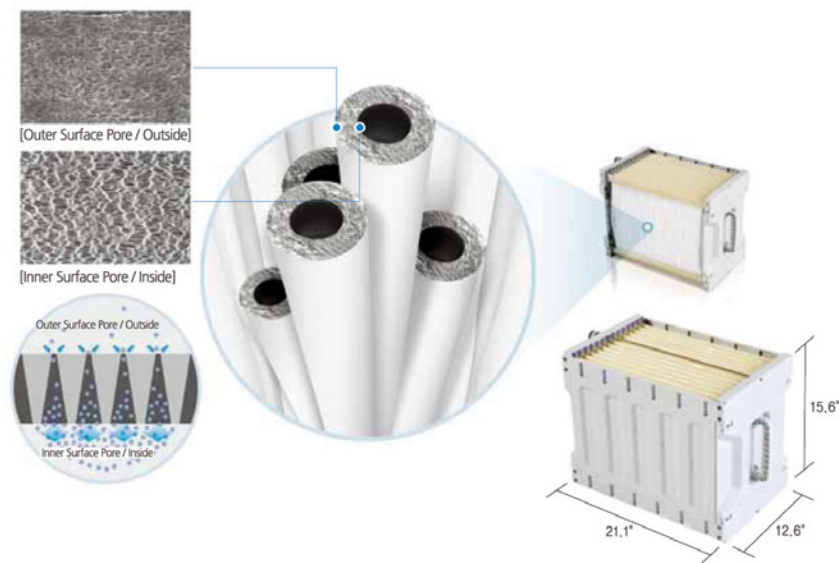
### 2 GFF(Gravity Flow Fiber) Filter

- No filtration pumps
  - Gravity water filtration by 30cm water head.
  - Rectangular shape
  - Non-braid type
- High efficiency of the backwash
  - Salts adhesion & Bio-film propagation (Free from intensive movable backwash)
- No pumps for the backwash
  - Over-flow makes backwash water automatically (Multiple filter only)
- Non-Stop Maintenance / Double-Filter System (Option)



### 3 Micro Fiber Filter

- Submerged Hollow Fiber Membrane & Cassette (HDPE Hollow Fiber)
- MBR(Membrane Bio Reactor)
- Pressurized Type Module for Water Treatment
- Energy Portal Service



## D. WATER TREATMENT SYSTEM

### 1 Pre-Treatment System

- Membrane System
- Ion Exchanger System



### 2 Wastewater Treatment

- Oily and Chemical Wastewater Treatment System
- Sewage Treatment System
- Fuel Gas Desulfurization / Denitrification System
- Reclamation Equipment System
- Electro Chemical Decomposing System

