

# Smart Electronic Shelves in Retail



## Avnet IoTConnect Reference Architecture



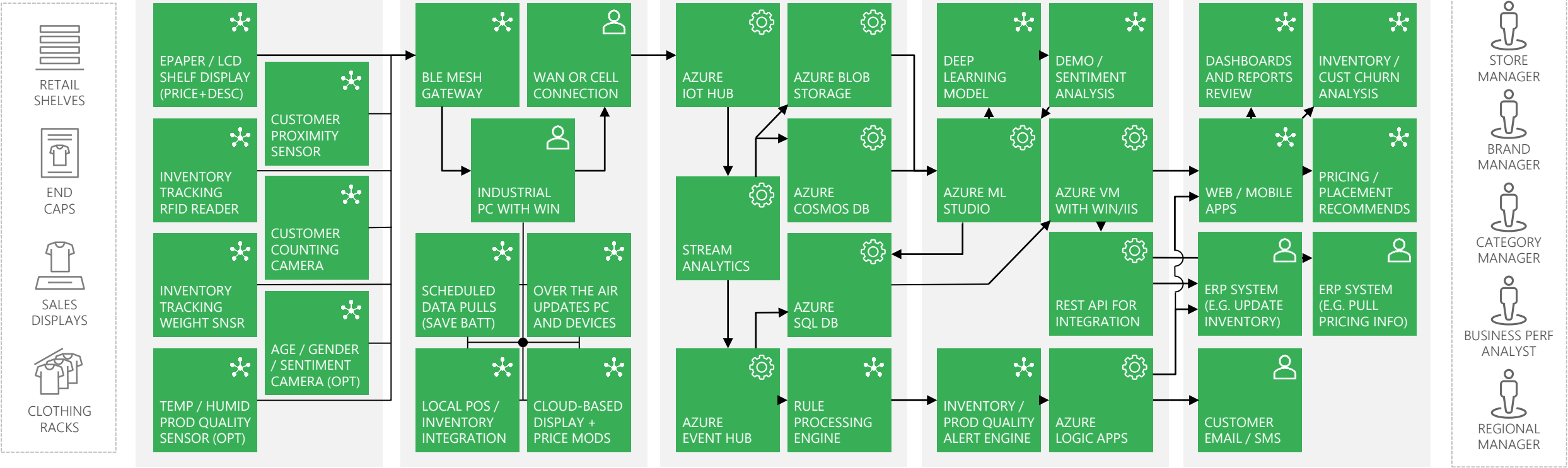
**Edge Intelligence**  
Avnet's solution can monitor inventory levels, product quality and customer experience to help you optimize your retail sales.

**Store Management**  
Each store's local gateway uploads telemetry data to the cloud and responds to AI calculated guidance for adjustments and optimization.

**Cloud Services**  
Microsoft's Azure provides the solution with a scalable and secure back-end for all of your product and inventory data and telemetry.

**Cloud Intelligence**  
Avnet's AI-as-a-Service platform and Smart Apps power product and customer analysis, dashboards and alerts for your whole team.

**Mgmt Experience**  
Web and mobile apps as well as email/SMS notifications help your team stay on top of store-by-store and global product performance.



Customer component    
 Microsoft product    
 Azure service    
 Partner component

