




ComEd IoT Program Enablement

August 2017

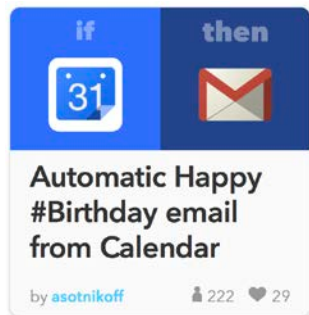
Brian Kirchman
New Product Development
ComEd

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Energy Consulting Manager
Accenture Utilities

What is IFTTT?

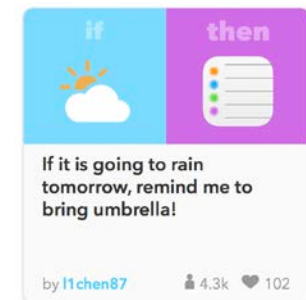
-  (if this then that) is a free web-based service that allows users to create chains of simple conditional statements, called “applets,” which are triggered based on changes to other web services such as Gmail, Facebook and the Weather Channel.

- An example “applet” could consist of:

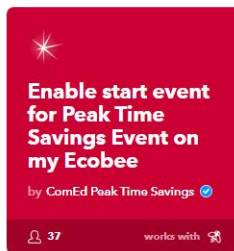
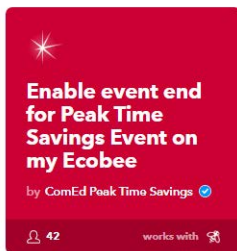
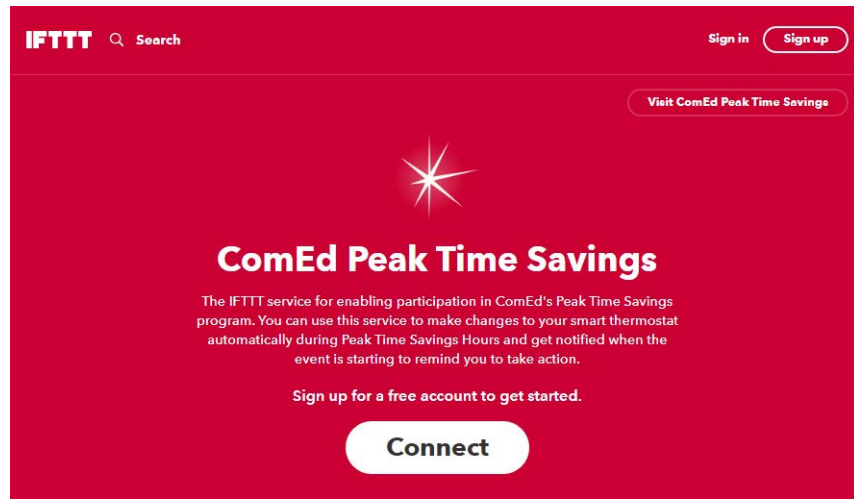


Sending a friend a Happy Birthday message on a day your calendar has your contact’s birthday.

If it is going to rain tomorrow, send a reminder to bring an umbrella to work.

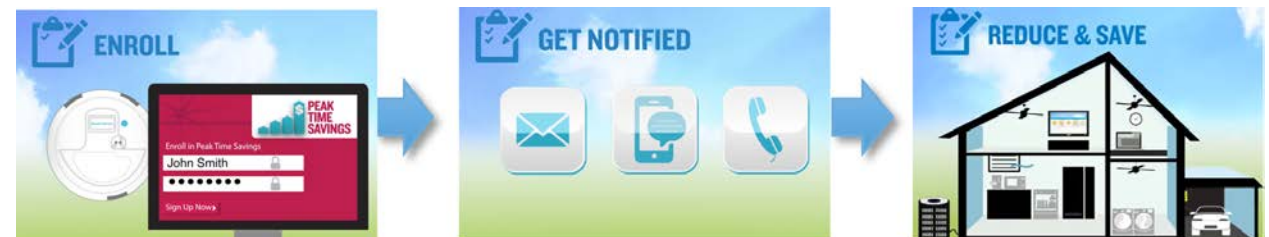


ComEd IFTTT Channels Launched



Peak Time Savings

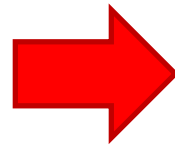
Peak Time Savings (PTS) is an opt-in residential demand response program that ComEd offers to all residential customers who have smart meters. PTS pays customers \$1/kwh for reducing energy use on select summer Peak Time Savings Hours.



What's Possible – Peak Time Savings

if  **then**  **that**

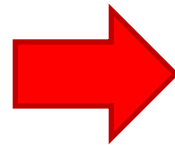
IF a Peak Time Savings Event is **Scheduled**



Then

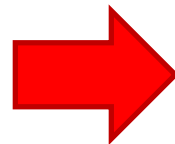
- Call me
- Text me
- Pre-cool my house

IF a Peak Time Savings Event **Starts**



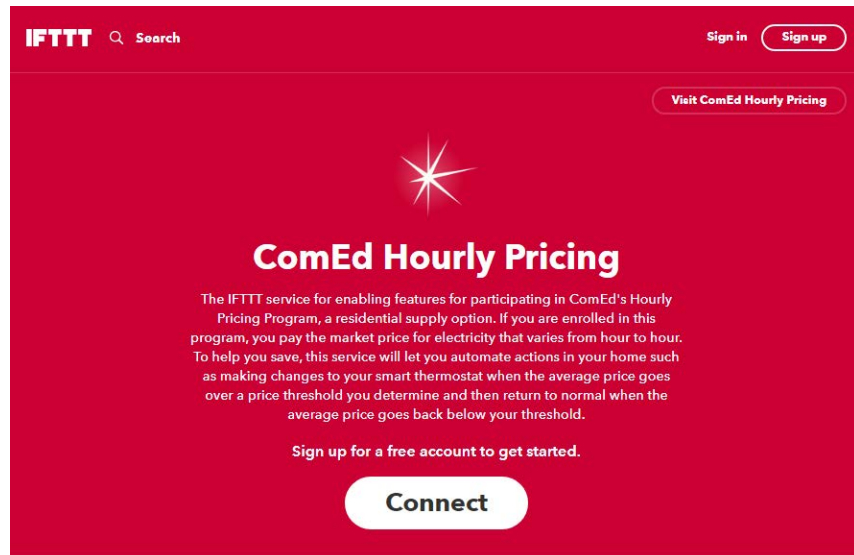
Then Turn up my Thermostat

IF a Peak Time Savings Event **Ends**



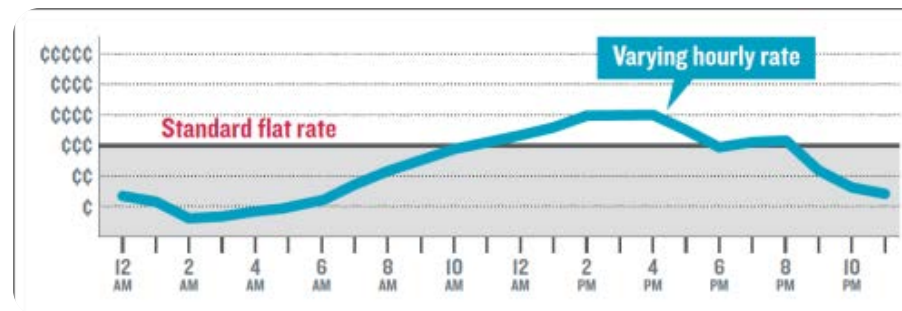
Then Resume my schedule

ComEd IFTTT Channels Launched



Hourly Pricing

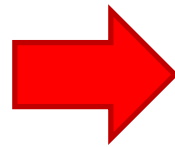
ComEd offers the Hourly Pricing program to residential customers with a smart meter or AMR meter. The program allows customers to pay the hourly market price for the electricity they consume. Prices are based on the ComEd Zone PJM wholesale hourly market price.



What's Possible – Hourly Pricing

if  **then**  **that**

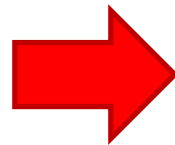
IF the price of energy
Exceeds my set point
preference



Then

- Turn off my Air Conditioning
- Stop charging my EV
- Pop up a notification on my TV

IF the price of energy
Drops Below my set
point preference



Then

- Resume my schedule
- Charge my EV

Customer Journey

1 → **Enroll in ComEd Peak Time Savings and/or Hourly Pricing**

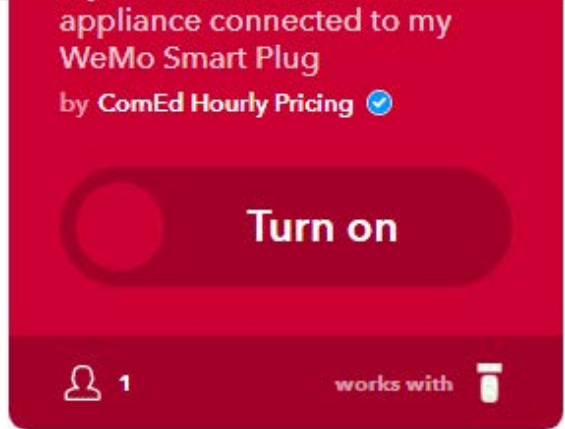
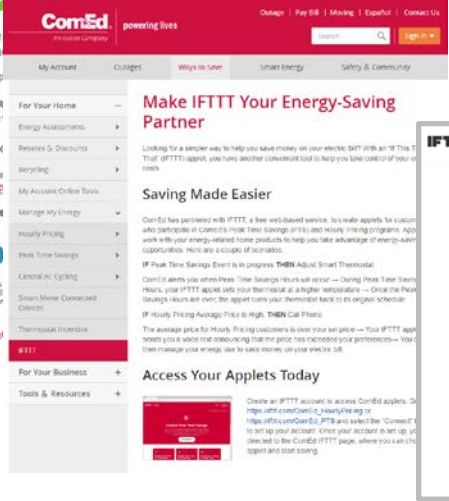
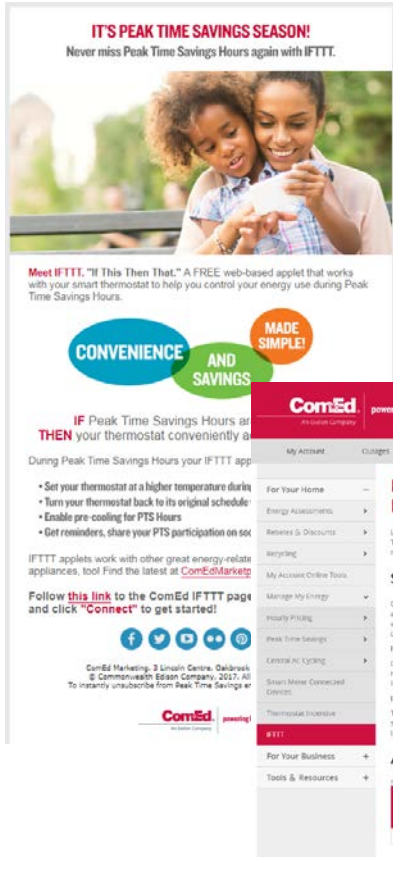
2 → **Create an IFTTT account**

3 → **Access ComEd applets**

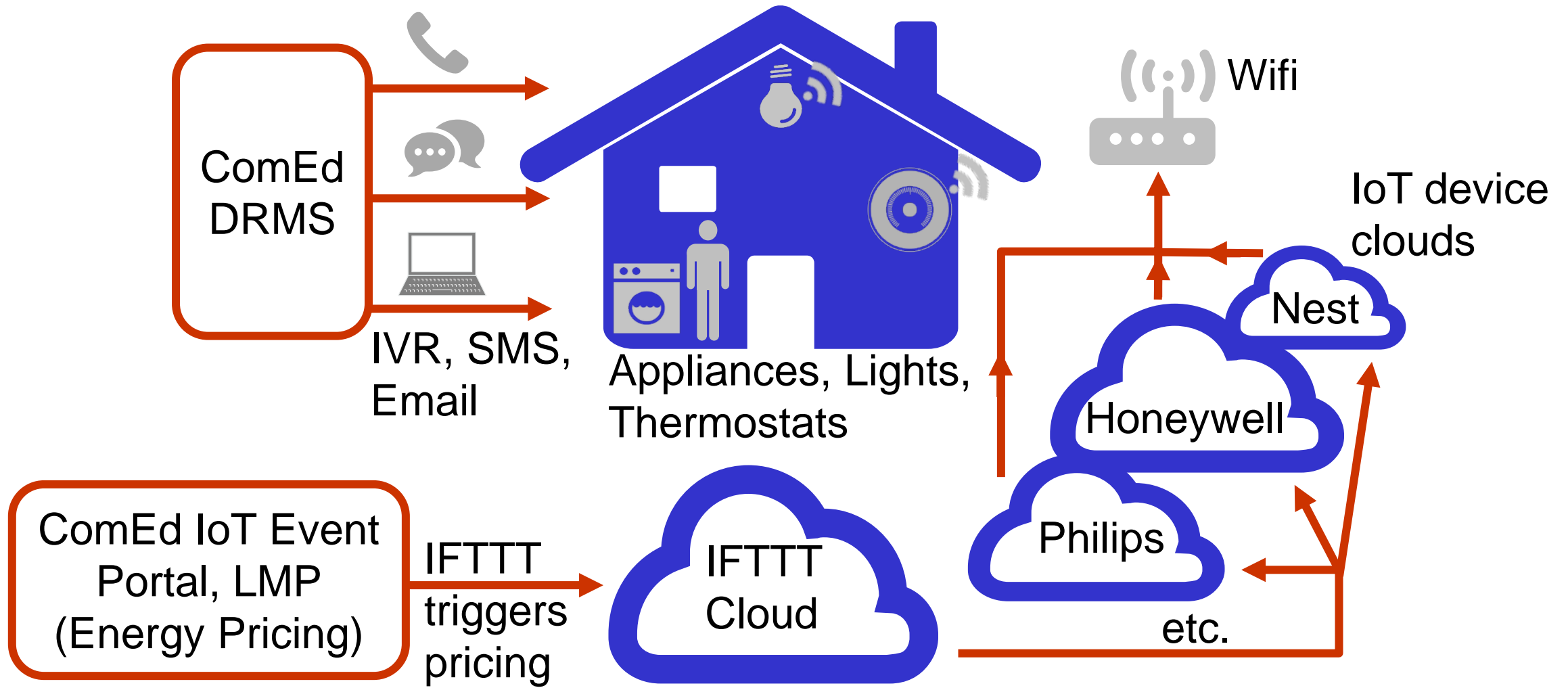
4 → **Click Connect**

5 → **Choose applets for connected home devices**

6 → **Start saving!**



Customer Journey



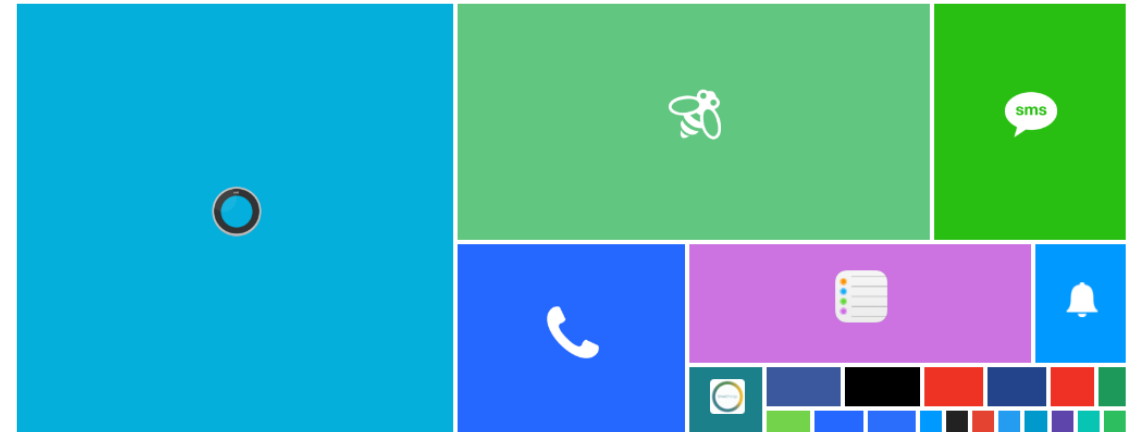
Channel Reception and Use Breakdown

Peak Time Savings Channel

Total Service Connections: 895

Total Applets turned on: 587

Total Transactions: 1,806

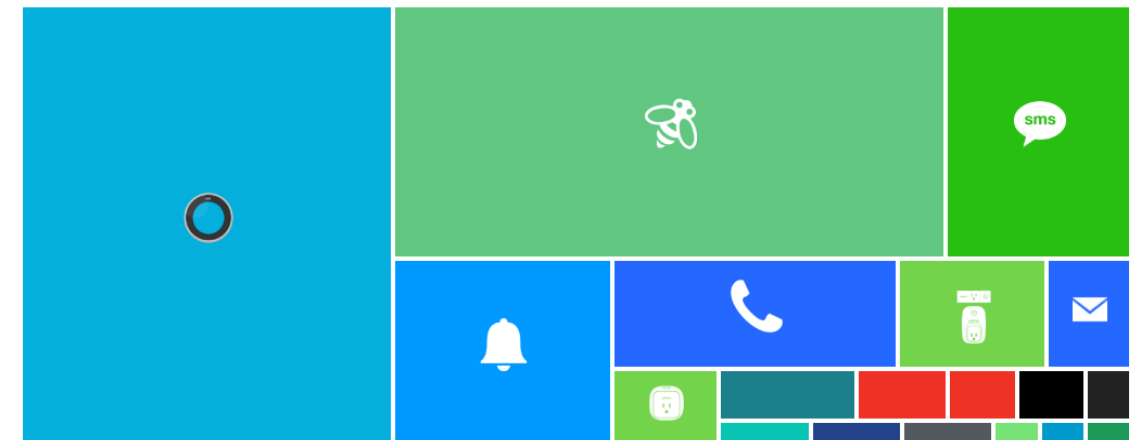


Hourly Pricing Channel

Total Service Connections: 398

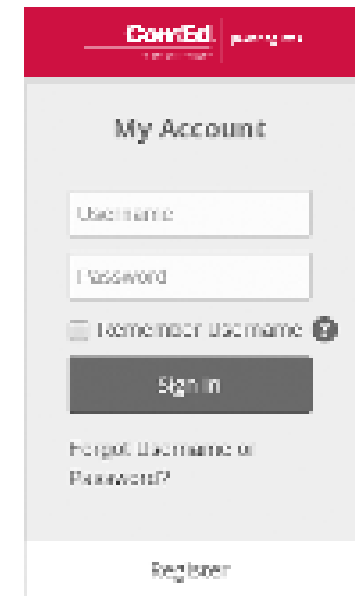
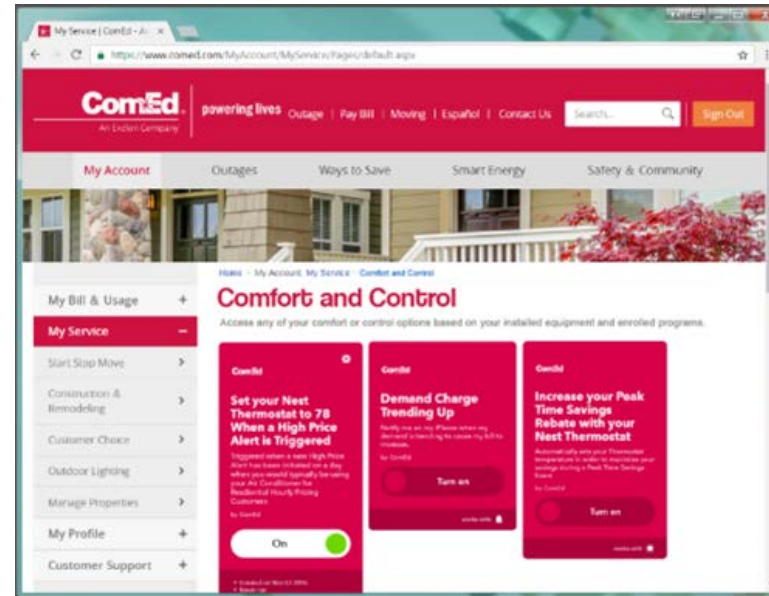
Total Applets turned on: 276

Total Transactions: 27,318



Next Steps

- Enable IFTTT Channels for Single Sign On
- Expand applet accessibility to include:
 - High Usage Alerts
 - Outage Alerts and Restoration
 - Solar Capabilities
- Integration of applets into ComEd.com and ComEd App



Questions?



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New Product Development

ComEd

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