

---

# LIQUID COOLING IN THE DATA CENTRE

Paul Mah







---

# TYPES OF LIQUID COOLING



---

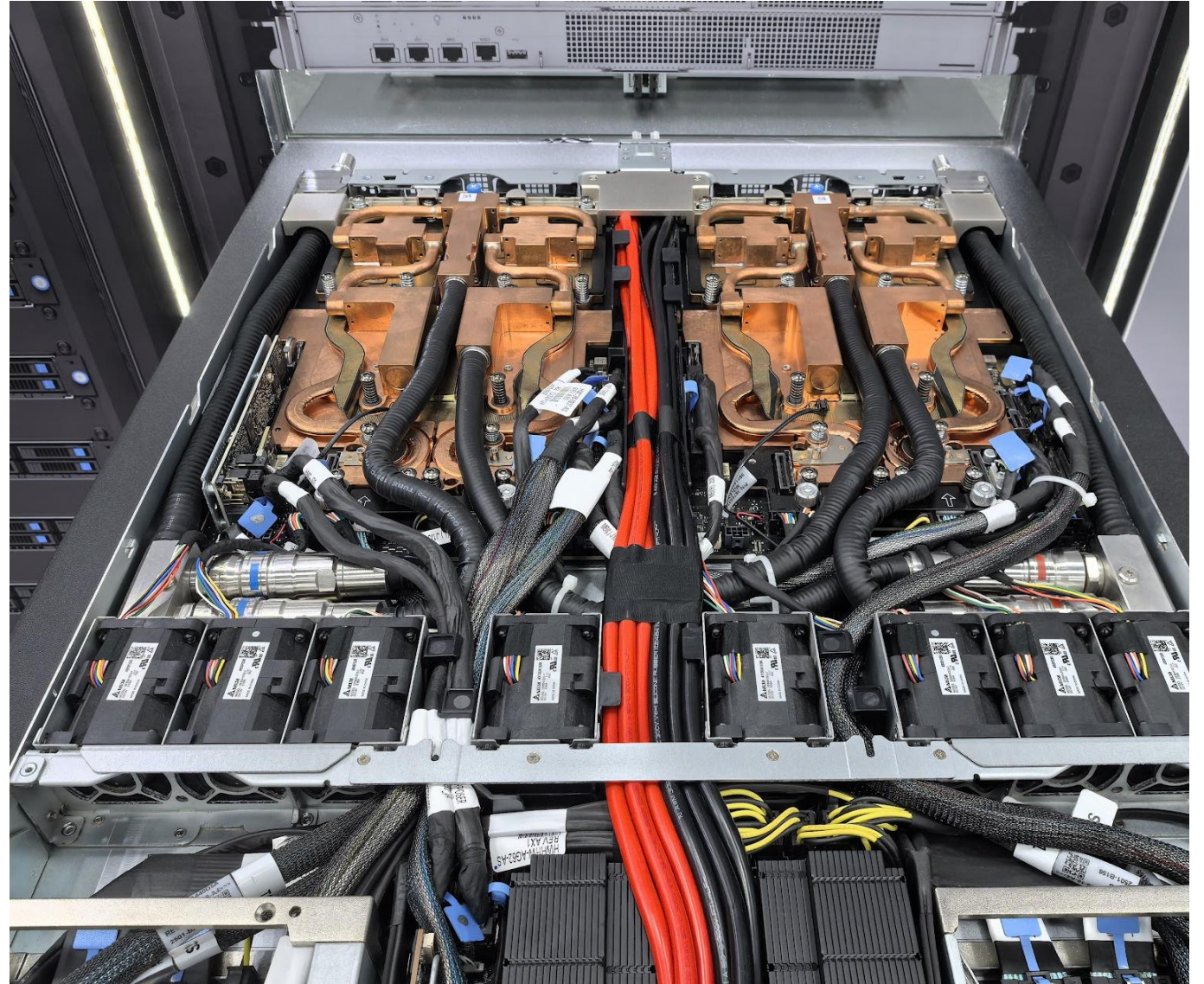
# ACTIVE REAR DOOR COOLING





---

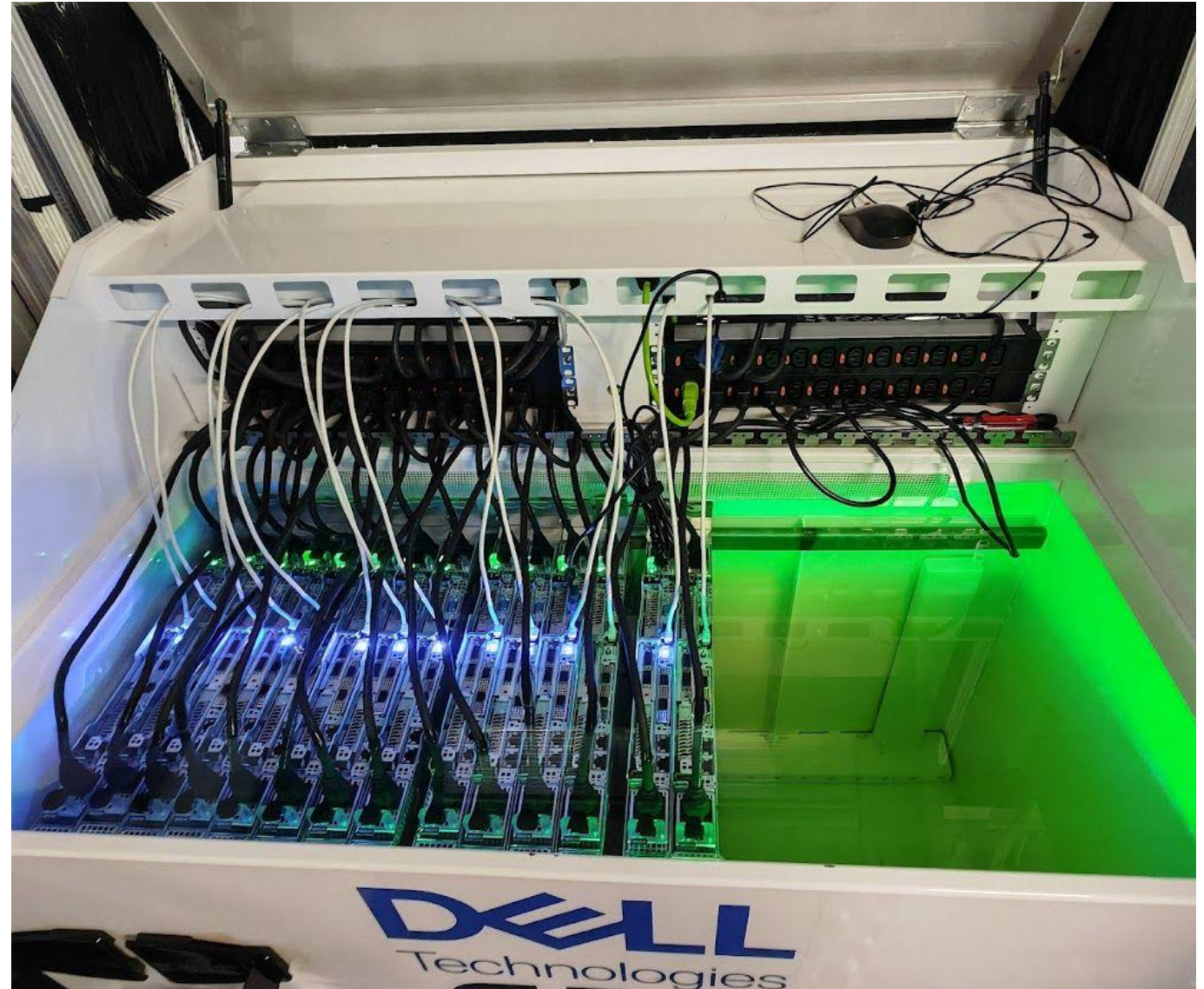
# DIRECT TO CHIP





---

# SINGLE PHASE IMMERSION



---

# SINGLE PHASE IMMERSION





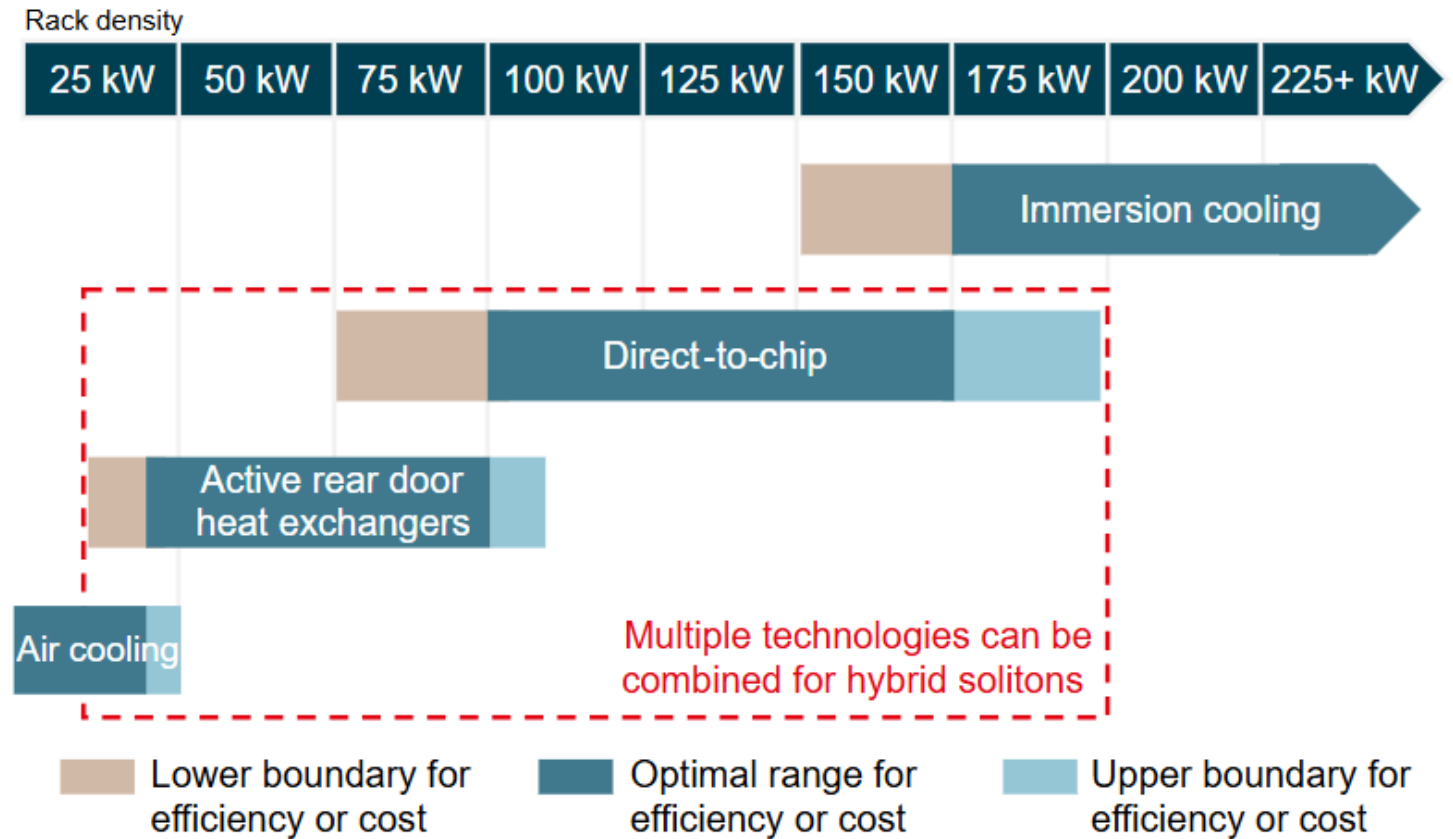
---

# TWO PHASE IMMERSION



# NEED TO BE COOL

## Applicable cooling technologies by rack density



Source: JLL Research, 2024