Healthcare solutions
Secure transportation for pharmaceutical and life science shipments
At United Cargo, our dedicated team of professionals works proactively to safeguard your cold chain shipments across our global network. United Cargo knows that as scientific discoveries advance, so do the needs of your pharmaceutical and biotechnology shipments. That’s why we made customer-specific processes and procedures the foundation of our cargo products - working with you every step of the way to protect your temperature-sensitive shipments and ensure an intact cold chain.

Two products, one commitment: LifeGuard and TempControl
Whether your temperature needs are controlled room temperature, cool or cryogenic, United Cargo recognizes that retaining product efficacy is critical. We offer customer-tailored SOPs so that shipments remain in your preferred temperature range from origin to destination.

Temperature security
- United Cargo elevates the management of your temperature-sensitive shipments through our end-to-end, SOP-governed processes that keep shipment integrity top of mind.

Service and expertise
- Our quality commitment combines superior performance, continuous oversight and 24/7 communication to protect your pharmaceutical and life science products at every point in the cold chain.

Solutions by segment
- Ambient: 15°C to 25°C (59°F to 77°F)
- Cool: 2°C to 8°C (35.6°F to 46.4°F)
- Frozen: -25°C to -10°C (-13°F to 14°F)
- Deep frozen: -60°C to -30°C (-76°F to -22°F)
- Cryogenic: -195°C to -150°C (-319°F to -238°F)

Trust LifeGuard for same-day, airport-to-airport service for your life-saving treatments and cryogenic shipments.
Available on narrow-body, wide-body and regional express aircraft, LifeGuard shipments receive our highest level of handling and care and are guaranteed to be on the next flight. LifeGuard transports live cell therapies and lifesaving organs almost everywhere our network flies, connecting you to domestic and international patients.

LifeGuard benefits
- Highest boarding priority above all other shipments
- Specially trained, dedicated personnel hand load each shipment on and off the flight
- Fastest airport-to-airport service available on United and United Express® flights
- Global oversight and real-time notification provided by our LifeGuard Desk 24/7

Your solution for:
- Cell and gene therapies
- Clinical trials
- Embryos
- Human organs
- Precision medicine
- Tissues

We guarantee the flight you choose
Drop your shipments within the acceptance standards and we guarantee to move your LifeGuard shipment on the flight as planned; or 80% of your freight transport charges will be refunded. (Maximum of $1,200 USD per domestic air waybill and $5,000 USD per international air waybill. Service claim due within 7 days of recovery.)
At United Cargo, our dedicated team of professionals works proactively to safeguard your cold chain shipments across our global network. United Cargo knows that as scientific discoveries advance, so do the needs of your pharmaceutical and biotechnology shipments. That’s why we made customer-specific processes and procedures the foundation of our cargo products – working with you every step of the way to protect your temperature-sensitive shipments and ensure an intact cold chain.

Two products, one commitment: LifeGuard and TempControl

Whether your temperature needs are controlled room temperature, cool or cryogenic, United Cargo recognizes that retaining product efficacy is critical. We offer customer-tailored SOPs so that shipments remain in your preferred temperature range from origin to destination, and our TempControl and LifeGuard products both come with a service guarantee.

Temperature security
- United Cargo elevates the management of your temperature-sensitive shipments through our end-to-end, SOP-governed processes that keep shipment integrity top of mind.

Service and expertise
- Our quality commitment combines superior performance, continuous oversight and 24/7 communication to protect your pharmaceutical and life science products at every point in the cold chain.

Solutions by segment
- Ambient: 15°C to 25°C (59°F to 77°F)
- Cool: 2°C to 8°C (35.6°F to 46.4°F)
- Frozen: -25°C to -10°C (-13°F to 14°F)
- Deep frozen: -60°C to -30°C (-76°F to -22°F)
- Cryogenic: -195°C to -150°C (-319°F to -238°F)

Trust LifeGuard for same-day, airport-to-airport service for your life-saving treatments and cryogenic shipments.

Available on narrow-body, wide-body and regional express aircraft, LifeGuard shipments receive our highest level of handling and care and are guaranteed to be on the next flight. LifeGuard transports live cell therapies and lifesaving organs almost everywhere our network flies, connecting you to domestic and international patients.

LifeGuard benefits
- Highest boarding priority above all other shipments
- Specially trained, dedicated personnel hand load each shipment on and off the flight
- Fastest airport-to-airport service available on United and United Express® flights
- Global oversight and real-time notification provided by our LifeGuard Desk 24/7

Your solution for:
- Cell and gene therapies
- Clinical trials
- Embryos
- Human organs
- Precision medicine
- Tissues
United TempControl's unique and comprehensive process focuses on care and precision to safeguard your active and passive temperature-sensitive shipments.

Our 24/7 TempControl Tower and enhanced ground facilities in key pharmaceutical locations, and trained personnel at all points in the cold chain, provide a unique and comprehensive process of care and awareness – from our facility to our aircraft and back.

Your solution for:
- Biologics
- Biotechnology
- Insulin
- Medical devices
- Pharmaceuticals
- Vaccines

Temperature-controlled units approved and available for lease through United:
- CSafe RKN
- CSafe RAP
- Envirotainer RKN e1
- Envirotainer RAP e2
- Envirotainer RKN i2
- Envirotainer RAP i2
- Sonoco PharmaPort® 360
- va-Q-tainer Half Euro
- va-Q-tainer EURO
- va-Q-tainer US
- va-Q-tainer TWIN
- va-Q-tainer t2
- va-Q-tainer e2
- va-Q-tainer US
- va-Q-tainer XL
- va-Q-tainer TWIN

TempControl in action

At origin
- Ramp transport
- Freight handled in adherence to customer-specific SOPs
- Temperature-controlled storage
- Temperature notifications at specified touch points, 24/7 and in real time
- Proactive temperature and battery voltage checks for active units

In transit
- Ramp transport
- Expedited runner transports cargo
- Aircraft loading, transport and offloading
- Highest freight boarding priority
- Freight is positioned on aircraft for safest transport
- First priority off-loaded
- Proactive temperature and battery voltage checks for active units

At destination
- Ramp transport
- Expedited runner meets aircraft and transports cargo
- United Cargo facility
- Freight handled in adherence to customer-specific SOPs
- Temperature-controlled storage
- Temperature notifications at specified touch points, 24/7 and in real time
- Proactive temperature and battery voltage checks for active units
United TempControl’s unique and comprehensive process focuses on care and precision to safeguard your active and passive temperature-sensitive shipments.

Our 24/7 TempControl Tower and enhanced ground facilities in key pharmaceutical locations, and trained personnel at all points in the cold chain, provide a unique and comprehensive process of care and awareness – from our facility to our aircraft and back.

Your solution for:
- Biologics
- Biotechnology
- Insulin
- Medical devices
- Pharmaceuticals
- Vaccines

Temperature-controlled units approved and available for lease through United:
- CSafe RKN
- CSafe RAP
- Envirotainer RKN e1
- Envirotainer RAP e2
- EnviroPharmaPort® 360
- va-Q-tainer Half Euro
- va-Q-tainer Euro
- va-Q-tainer US
- va-Q-tainer TWIN

TempControl in action

<table>
<thead>
<tr>
<th>At origin</th>
<th>In transit</th>
<th>At destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Cargo facility</td>
<td>Ramp transport</td>
<td>Aircraft loading, transport and offloading</td>
</tr>
<tr>
<td>Freight handled in adherence to customer-specific SOPs</td>
<td>Expedited runner transports cargo</td>
<td>Highest freight boarding priority</td>
</tr>
<tr>
<td>Temperature-controlled storage</td>
<td></td>
<td>Freight is positioned on aircraft for safest transport</td>
</tr>
<tr>
<td>Temperature notifications at specified touch points, 24/7 and in real time</td>
<td></td>
<td>First priority off-loaded</td>
</tr>
<tr>
<td>Proactive temperature and battery voltage checks for active units</td>
<td></td>
<td>Expedited runner meets aircraft and transports cargo</td>
</tr>
<tr>
<td>Freight handled in adherence to customer-specific SOPs</td>
<td></td>
<td>Temperature-controlled storage</td>
</tr>
<tr>
<td>Temperature notifications at specified touch points, 24/7 and in real time</td>
<td></td>
<td>Proactive temperature and battery voltage checks for active units</td>
</tr>
</tbody>
</table>

TempControl shipment summary

<table>
<thead>
<tr>
<th>Service attribute</th>
<th>Active</th>
<th>Passive</th>
<th>Service attribute</th>
<th>Active</th>
<th>Passive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boarding priority</td>
<td>Highest</td>
<td>High</td>
<td>EZ SOP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Control tower booking management</td>
<td>✓</td>
<td>✓</td>
<td>Temperature monitoring</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Control tower oversight</td>
<td>✓</td>
<td></td>
<td>Thermodynamic management</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Just-in-time running</td>
<td>✓</td>
<td>✓</td>
<td>Lease management</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Customer-tailored SOP</td>
<td>✓</td>
<td></td>
<td>Unit repositioning</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
To book your cold chain shipment, please call 1-800-863-8666 for LifeGuard shipments or 1-877-525-4628 for TempControl shipments, or contact your local United Cargo sales representative.