



ALTIUSTM





family of central venous catheters

ORDERING GUIDE

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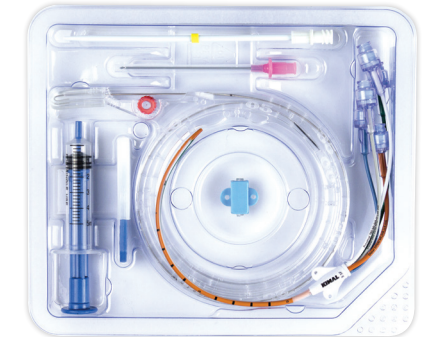
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The ALTIUS™ Range

| | Multi-Tube™ Technology | LuerSafe® Automatic Clamps | Colour- Coded Extensions & Lumens | Suture Wing | ProActiv+™ Coating | High Pressure Line |
|---|---------------------------|----------------------------------|--|----------------|-----------------------|--------------------------|
|  ALTIUS™PROHP | • | • | • | • | • | • |
|  ALTIUS™PRO | • | • | • | • | • | |
|  ALTIUS™HP | • | • | • | • | | • |
|  ALTIUS™ | • | • | • | • | | |

Adult Insertion Kit

| Set Contents | QTY |
|--|-----|
| Central venous catheter | 1 |
| Super sharp echogenic needle 21G | 1 |
| Guidewire introducer syringe 5ml | 1 |
| Guidewire dispenser with J tip nitinol guidewire 50cm 0.035" | 1 |
| Hydrophilic dilator (1 size bigger than CVC*) | 1 |
| Scalpel no. 11 (short handle) | 1 |
| Catheter fixation device | 1 |

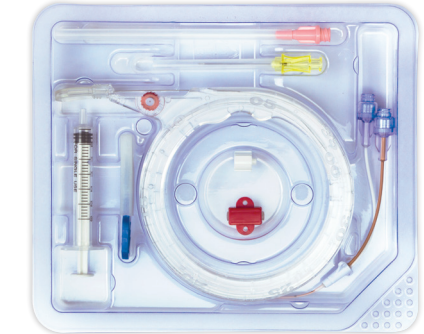


* The 8.5 Fr. CVC kit includes 10 Fr. dilator

** Altius Seven includes 10 Fr. dilator & 2 part introducer cannula

Paediatric Insertion Kit

| Set Contents | QTY |
|---|-----|
| Central venous catheter | 1 |
| Introducer needle | 1 |
| Syringe 3ml LS | 1 |
| Guidewire dispenser with J tip nitinol guidewire 50cm | 1 |
| 0.018" guidewire in 4 Fr. or smaller CVC | |
| 0.032" guidewire in 5 Fr. 2 lumen CVC | |
| 0.021" guidewire in 5 Fr. 3 lumen CVC | |
| Scalpel no. 11 (short handle) | 1 |
| Catheter fixation device | 1 |
| Opening vented cap in 2 & 3 Fr. | 1 |
| Hydrophilic dilator (1 size bigger than CVC*) | 1 |



* The 2 Fr. paediatric CVC comes with a 4 Fr. dilator

Adult

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|-------------------|--------------|-----|--------|------------|------------|
| Altius 2 lumen | ● K2CS115702 | 7 | 15cm | D. 14G | 8,500ml/h |
| | | | | P. 18G | 1,600ml/h |
| | ● K2CS120702 | 7 | 20cm | D. 14G | 7,200ml/h |
| | | | | P. 18G | 1,350ml/h |
| Altius 3 lumen | ● K2CS115703 | 7 | 15cm | D. 14G | 5,800ml/h |
| | | | | P. 18G | 1,600ml/h |
| | | | | M. 18G | 1,600ml/h |
| | ● K2CS120703 | 7 | 20cm | D. 14G | 5,100ml/h |
| | | | | P. 18G | 1,350ml/h |
| | | | | M. 18G | 1,350ml/h |
| Altius 4 lumen | ● K2CS115854 | 8.5 | 15cm | D. 12G | 10,200ml/h |
| | | | | P. 18G | 1,600ml/h |
| | | | | M1. 16G | 2,500ml/h |
| | | | | M2. 18G | 1,600ml/h |
| | | | | D. 12G | 8,500ml/h |
| | | | | P. 18G | 1,350ml/h |
| | ● K2CS120854 | 8.5 | 20cm | M1. 16G | 1,700ml/h |
| | | | | M2. 18G | 1,350ml/h |

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|-------------------|--------------|-----|--------|------------|------------|
| Altius 5 lumen | ● K2CS115855 | 8.5 | 15cm | D. 12G | 10,500ml/h |
| | | | | P. 20G | 780ml/h |
| | | | | M1. 18G | 1,250ml/h |
| | | | | M2. 18G | 1,250ml/h |
| | | | | M3. 20G | 780ml/h |
| | | | | D. 12G | 8,500ml/h |
| Altius 7 lumen | ● K2CS120855 | 8.5 | 20cm | P. 20G | 600ml/h |
| | | | | M1. 18G | 1,050ml/h |
| | | | | M2. 18G | 1,050ml/h |
| | | | | M3. 20G | 600ml/h |
| | ● K2CS115857 | 8.5 | 15cm | D. 14G | 3,200ml/h |
| | | | | P. 21G | 800ml/h |
| | | | | M1. 21G | 800ml/h |
| | | | | M2. 21G | 800ml/h |
| | | | | M3. 21G | 800ml/h |
| | | | | M4. 21G | 800ml/h |
| | | | | M5. 21G | 800ml/h |
| | | | | D. 14G | 2,800ml/h |
| | | | | P. 21G | 620ml/h |
| | | | | M1. 21G | 620ml/h |
| Altius 7 lumen | ● K2CS120857 | 8.5 | 20cm | M2. 21G | 620ml/h |
| | | | | M3. 21G | 620ml/h |
| | | | | M4. 21G | 620ml/h |
| | | | | M5. 21G | 620ml/h |

● Stocked product

● Check stock levels

Pakiet 4

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|----------------------|---------------|-----|--------|------------|-----------|
| Altius HP 1 lumen | ● K2CS115701P | 7 | 15cm | D. 14G | 9,300ml/h |
| | ● K2CS115702P | 7 | 15cm | D. 14G | 5,800ml/h |
| Altius HP 2 lumen | ● K2CS115702P | 7 | 15cm | P. 17G | 2,500ml/h |
| | ● K2CS120702P | 7 | 20cm | D. 14G | 5,100ml/h |
| | ● K2CS120702P | 7 | 20cm | P. 17G | 2,050ml/h |
| | ● K2CS115703P | 7 | 15cm | D. 16G | 3,200ml/h |
| Altius HP 3 lumen | ● K2CS115703P | 7 | 15cm | P. 18G | 1,600ml/h |
| | ● K2CS115703P | 7 | 15cm | M. 18G | 1,600ml/h |
| | ● K2CS120703P | 7 | 20cm | D. 16G | 2,800ml/h |
| | ● K2CS120703P | 7 | 20cm | P. 18G | 1,350ml/h |
| Altius HP 4 lumen | ● K2CS115904P | 9 | 15cm | M. 18G | 1,350ml/h |
| | ● K2CS115904P | 9 | 15cm | D. 14G | 6,600ml/h |
| | ● K2CS115904P | 9 | 15cm | P. 17G | 1,600ml/h |
| | ● K2CS115904P | 9 | 15cm | M1. 17G | 1,600ml/h |
| | ● K2CS115904P | 9 | 15cm | M2. 17G | 1,600ml/h |
| | ● K2CS120904P | 9 | 20cm | D. 14G | 6,050ml/h |
| | ● K2CS120904P | 9 | 20cm | P. 17G | 1,350ml/h |
| | ● K2CS120904P | 9 | 20cm | M1. 17G | 1,350ml/h |
| Altius HP 5 lumen | ● K2CS115905P | 9 | 15cm | M2. 17G | 1,350ml/h |
| | ● K2CS115905P | 9 | 15cm | D. 16G | 3,200ml/h |
| | ● K2CS115905P | 9 | 15cm | P. 18G | 1,250ml/h |
| | ● K2CS115905P | 9 | 15cm | M1. 18G | 1,250ml/h |
| | ● K2CS115905P | 9 | 15cm | M2. 18G | 1,250ml/h |
| | ● K2CS115905P | 9 | 15cm | M3. 18G | 1,250ml/h |
| | ● K2CS120905P | 9 | 20cm | D. 16G | 2,800ml/h |
| | ● K2CS120905P | 9 | 20cm | P. 18G | 1,100ml/h |
| | ● K2CS120905P | 9 | 20cm | M1. 18G | 1,100ml/h |
| | ● K2CS120905P | 9 | 20cm | M2. 18G | 1,100ml/h |
| | ● K2CS120905P | 9 | 20cm | M3. 18G | 1,100ml/h |

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|--------------------------------|--------------|-----|--------|------------|------------|
| Altius ProActiv+ 2 lumen | ● K2CS220702 | 7 | 20cm | D. 14G | 7,200ml/h |
| | ● K2CS220702 | 7 | 20cm | P. 18G | 1,350ml/h |
| Altius ProActiv+ 3 lumen | ● K2CS215703 | 7 | 15cm | D. 14G | 5,800ml/h |
| | ● K2CS215703 | 7 | 15cm | P. 18G | 1,600ml/h |
| | ● K2CS215703 | 7 | 15cm | M. 18G | 1,600ml/h |
| | ● K2CS220703 | 7 | 20cm | D. 14G | 5,100ml/h |
| Altius ProActiv+ 4 lumen | ● K2CS220703 | 7 | 20cm | P. 18G | 1,350ml/h |
| | ● K2CS220703 | 7 | 20cm | M. 18G | 1,350ml/h |
| | ● K2CS215854 | 8.5 | 15cm | D. 12G | 10,200ml/h |
| | ● K2CS215854 | 8.5 | 15cm | P. 18G | 1,600ml/h |
| | ● K2CS215854 | 8.5 | 15cm | M1. 16G | 2,500ml/h |
| | ● K2CS215854 | 8.5 | 15cm | M2. 18G | 1,600ml/h |
| | ● K2CS220854 | 8.5 | 20cm | D. 12G | 8,500ml/h |
| | ● K2CS220854 | 8.5 | 20cm | P. 18G | 1,350ml/h |
| Altius ProActiv+ 5 lumen | ● K2CS220854 | 8.5 | 20cm | M1. 16G | 1,700ml/h |
| | ● K2CS220854 | 8.5 | 20cm | M2. 18G | 1,350ml/h |
| | ● K2CS215855 | 8.5 | 15cm | D. 12G | 10,500ml/h |
| | ● K2CS215855 | 8.5 | 15cm | P. 20G | 780ml/h |
| | ● K2CS215855 | 8.5 | 15cm | M1. 18G | 1,250ml/h |
| | ● K2CS215855 | 8.5 | 15cm | M2. 18G | 1,250ml/h |
| | ● K2CS215855 | 8.5 | 15cm | M3. 20G | 780ml/h |
| | ● K2CS220855 | 8.5 | 20cm | D.12G | 8,500ml/h |
| | ● K2CS220855 | 8.5 | 20cm | P. 20G | 600ml/h |
| | ● K2CS220855 | 8.5 | 20cm | M1. 18G | 1,050ml/h |
| | ● K2CS220855 | 8.5 | 20cm | M2. 18G | 1,050ml/h |
| | ● K2CS220855 | 8.5 | 20cm | M3. 20G | 600ml/h |

● Stocked product

● Check stock levels

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|--------------------------------|---------------|-----|--------|------------|-----------|
| Altius ProActiv+ HP 3 lumen | ● K2CS215703P | 7 | 15cm | D. 16G | 3,200ml/h |
| | | | | P. 18G | 1,600ml/h |
| | | | | M. 18G | 1,600ml/h |
| | ● K2CS220703P | 7 | 20cm | D. 16G | 2,800ml/h |
| | | | | P. 18G | 1,350ml/h |
| | | | | M. 18G | 1,350ml/h |
| Altius ProActiv+ HP 4 lumen | ● K2CS215904P | 9 | 15cm | D. 14G | 6,600ml/h |
| | | | | P. 17G | 1,600ml/h |
| | | | | M1. 17G | 1,600ml/h |
| | | | | M2. 17G | 1,600ml/h |
| | ● K2CS220904P | 9 | 20cm | D. 14G | 6,050ml/h |
| | | | | P. 17G | 1,350ml/h |
| | | | | M. 17G | 1,350ml/h |
| | | | | M2. 17G | 1,350ml/h |
| Altius ProActiv+ HP 5 lumen | ● K2CS215905P | 9 | 15cm | D. 16G | 3,200ml/h |
| | | | | P. 18G | 1,250ml/h |
| | | | | M1. 18G | 1,250ml/h |
| | | | | M2. 18G | 1,250ml/h |
| | | | | M3. 18G | 1,250ml/h |
| | ● K2CS220905P | 9 | 20cm | D. 16G | 2,800ml/h |
| | | | | P. 18G | 1,100ml/h |
| | | | | M1. 18G | 1,100ml/h |
| | | | | M2. 18G | 1,100ml/h |
| | | | | M3. 18G | 1,100ml/h |

Paediatric

| CVC | Code | Fr. | Length | Gauge Size | Flow Rate |
|------------------------------|--------------|-----|--------|------------|-----------|
| Altius Paediatric 2 lumen | ● K2CS108302 | 3 | 8cm | D. 21G | 600ml/h |
| | | | | P. 23G | 105ml/h |
| | ● K2CS105402 | 4 | 5cm | D. 18G | 1,800ml/h |
| | | | | P. 21G | 690ml/h |
| | ● K2CS108402 | 4 | 8cm | D. 18G | 1,500ml/h |
| | | | | P. 21G | 600ml/h |
| | ● K2CS113402 | 4 | 13cm | D. 18G | 1,300ml/h |
| | | | | P. 21G | 500ml/h |
| | ● K2CS108502 | 5 | 8cm | D. 18G | 1,850ml/h |
| | | | | P. 20G | 940ml/h |
| | ● K2CS113502 | 5 | 13cm | D. 18G | 1,800ml/h |
| | | | | P. 20G | 850ml/h |
| Altius Paediatric 3 lumen | ● K2CS108403 | 4 | 8cm | D. 18G | 1,500ml/h |
| | | | | P. 23G | 300ml/h |
| | | | | M. 21G | 600ml/h |
| | ● K2CS108503 | 5 | 8cm | D. 16G | 2,700ml/h |
| | | | | P. 23G | 300ml/h |
| | | | | M. 21G | 600ml/h |
| | ● K2CS108503 | 5 | 13cm | D. 16G | 2,400ml/h |
| | | | | P. 23G | 250ml/h |
| | | | | M. 21G | 500ml/h |

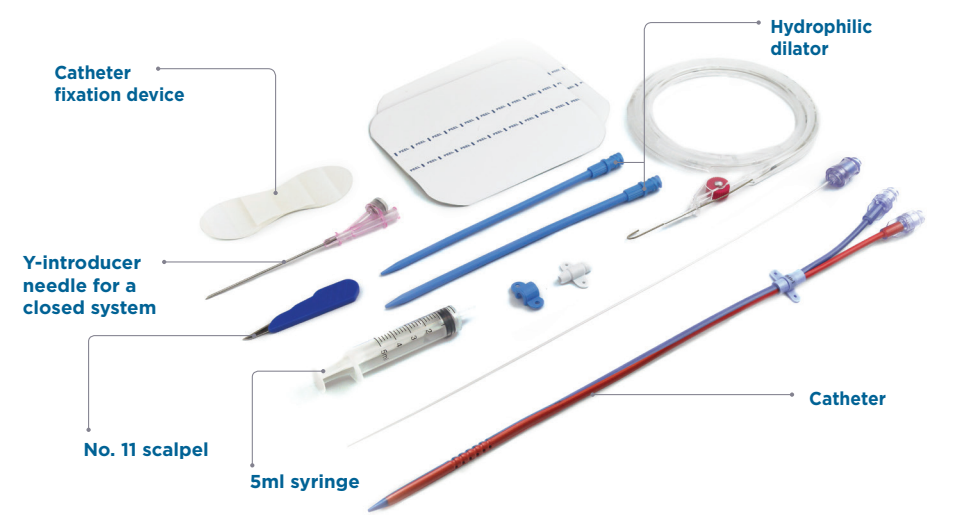
● Stocked product

● Check stock levels

The ALTIUS™ RT Range

| | THERAPY | | CATHETER FEATURES | | | | |
|-----------|-------------|--------------|-------------------|--------------|---------------|---------------------------|---------------------|
| | CRRT | S/T Dialysis | Multi-Tube | Flexible PUR | Rotating Wing | LuerSafe Automatic Clamps | Intelligent Grooves |
| 12 French | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
| 14 French | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |

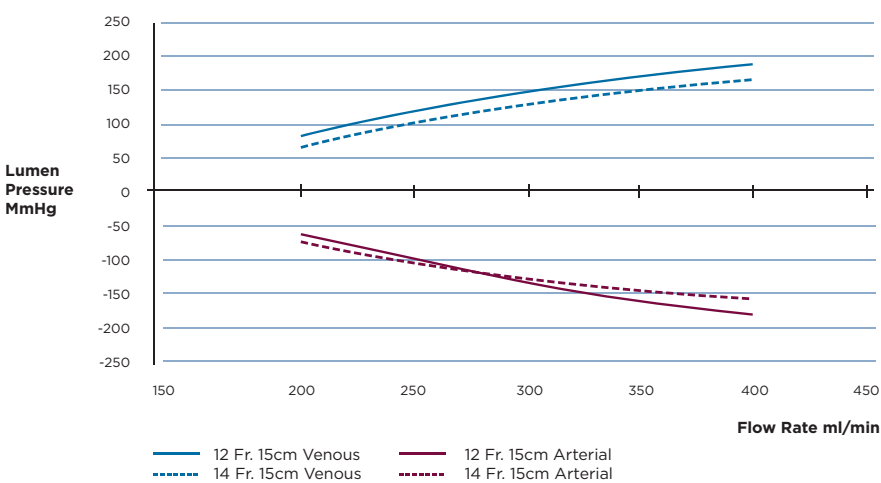
Insertion Kit



ALTIUS™ RT CVCs

| Code | Length | Lumen | Priming Volume | Flow Rate vs Pressure | | |
|------------------|--------|----------|----------------|-----------------------|-----------|-----------|
| | | Side | CC | 200ml/min | 300ml/min | 400ml/min |
| ● ART-ADL-1215-K | 15cm | Venous | 0.8 | 80 | 135 | 190 |
| | | Arterial | 0.7 | -50 | -130 | -180 |
| ● ART-ADL-1220-K | 20cm | Venous | 0.9 | 70 | 180 | 210 |
| | | Arterial | 0.8 | -70 | -165 | -200 |
| ● ART-ADL-1225-K | 25cm | Venous | 0.9 | 100 | 200 | 230 |
| | | Arterial | 0.8 | -90 | -190 | -225 |
| ● ART-ADL-1415-K | 15cm | Venous | 0.8 | 70 | 150 | 170 |
| | | Arterial | 0.7 | -70 | -145 | -160 |
| ● ART-ADL-1420-K | 20cm | Venous | 1.0 | 60 | 135 | 180 |
| | | Arterial | 0.9 | -50 | -130 | -170 |
| ● ART-ADL-1425-K | 25cm | Venous | 1.0 | 70 | 165 | 190 |
| | | Arterial | 0.9 | -70 | -160 | -180 |

● Stocked product ● Check stock levels





Basic CVC Insertion Pack
K40174/CVC

| Component Part | Part Description |
|----------------|---|
| 6017 | Shallow half tray 24.5 x 13.5cm |
| 6501 | Scalpel no. 11 |
| 8012 | Blue wrap 75 x 90cm 2ply laminate |
| 8320/5 | Swab gauze 10 x 10cm 12 ply 5 Pack |
| 36519086 | 2 x gallipot 120ml |
| 8550 | 2 x sponge stick small 5cm |
| 8753 | Mersilk™ suture 2/0 W775H |
| P27-0406 | Drape 60 x 65cm with fenestration transparent |
| 6910/BD | Syringe 10ml LS |
| 6531 | Hypo needle 21G 3.8cm green |



Intermediate CVC Insertion Pack
K40175/CVC

| Component Part | Part Description |
|----------------|--|
| 6501 | Scalpel no. 11 |
| 8550 | 2 x sponge stick small 5cm |
| 8753 | Mersilk suture 2/0 W775H |
| 36519086 | 2 x gallipot 120ml |
| 81045 | Drape 110 x 110cm with fenestration & clear film |
| 6017 | Shallow half tray 24.5 x 13.5cm |
| 6910/BD | Syringe 10ml LS |
| 6531 | Hypo needle 21G 3.8cm green |
| 8404 | 2 x paper towel 57 x 33cm |
| 7100WHITE | Tray wrap 75 x 75cm white |
| 8360/CN | Trolley cover 140 x 140cm |
| 8320/5 | 2 x swab gauze 10 x 10cm 12 ply 5 Pack |
| SGL | Gown L SMS |



Comprehensive CVC Pack
K44675/CVC

| Component Part | Part Description |
|----------------|--|
| 6499 | Retractable scalpel no. 11 |
| 6533 | Hypo needle 23G 3cm blue |
| 8850 | Drawing up needle BD |
| 6920/BD | Syringe 20ml LS |
| 6905/BD | Syringe 5ml LS |
| 8351GREEN/5 | Swab gauze 10 x 10cm XRD 12 ply 5 pack |
| 8404 | 2 x paper towel 57 x 33cm |
| 81045 | Drape 110 x 110cm with fenestration & clear film |
| 6017 | Shallow half tray 24.5 x 13.5cm |
| 8752 | Mersilk suture 2/0 W791 |
| 8525 | Disposafe® |
| 7100WHITE | Tray wrap 75 x 75cm white |
| 8360/CN | Trolley cover 140 x 140cm |
| 6535 | Hypo needle 25G 5/8" orange |
| SGL | Gown L SMS |

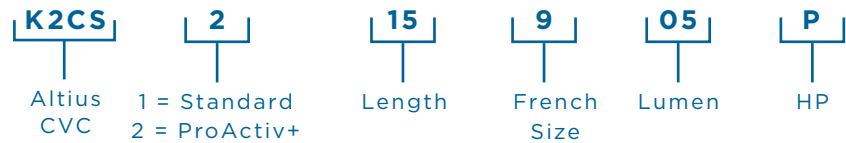


Comprehensive Insertion CVC
Pack Plus K40176/CVC/P1

| Component Part | Part Description |
|------------------|--|
| 6499 | Retractable scalpel no. 11 |
| 6533 | Hypo needle 23G 3cm blue |
| 8850 | Drawing up needle BD |
| 6920/BD | Syringe 20ml LS |
| 6905/BD | Syringe 5ml LS |
| 8351GREEN/5 | Swab gauze 10 x 10cm XRD 12 ply 5 pack |
| 8404 | 2 x paper towel 57 x 33cm |
| 81045 | Drape 110 x 110cm with fenestration & clear film |
| 6017 | Shallow half tray 24.5 x 13.5cm |
| CHLOR/3ML/TINTED | ChloroPrep™ 3ml tinted UK |
| 5002 | IFU ChloroPrep P.I.L tinted UK |
| 8752 | Mersilk suture 2/0 W775H |
| 8525 | Disposafe |
| 7100WHITE | Tray wrap 75 x 75cm white |
| 8360/CN | Trolley cover 140 x 140cm |
| 6535 | Hypo needle 25G 5/8" orange |
| SGL | Gown L SMS |

The Codes: How to read them

Example: K2CS215905P



Example: ART-ADL-1215-K



The Kimal Way

- Stocked product
- Check stock levels

The Altius family features over 400 available codes to provide healthcare professionals across the world with the solution that they require. This focus on our customers' requirements presents challenges when introducing Altius to a new customer and deciding which products to stock. Therefore we have included in this guide the most popular codes: our stockable items, or green codes.

If your customer requires a specific length or French size and we do not have it in this guide, it may still feature in our range. Contact us to find out more.

In the paediatric range we have one green code which we compliment with an extensive range of less popular codes that are not routinely stocked. Contact us to confirm stock levels for your customers' requirements.

**For more information and
pricing speak to your local
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